



## HEXPOL Field Technical Services: Know How. Know Why.

HEXPOL field technical service representatives are among the best in the world. Together, they have seven U.S. patents and seven foreign patents in polymer bonding/chemistry. Their mission is to consult with customers, analyze processes, and provide personalized service that matches the product with the process.  
**Know How. Know Why.**

**Investing in People Fosters Excellence** – We continually invest in their expertise through technical training and leadership programs. Whether they are polymer chemists, industry experts, technical sales or customer service representatives, we strive to elevate customer satisfaction and on-target solutions.  
**Know How. Know Why.**

**HEXPOL Values the Process** – Our field representatives align HEXPOL's process with the customer's process to achieve product specification requirements that help ensure end product excellence. A process with stability, reliability, and repeatability is a predictable process that consistently produces the right product.  
**Know How. Know Why.**

**The HEXPOL Technical Visit** – We can conduct periodic and confidential on-site reviews, observing and analyzing attributes such as equipment, operator activities, and production processes to solve problems, increase productivity, and improve product quality. HEXPOL brings value to each and every customer relationship:  
**Know How. Know Why.**



A Material Difference

For more information about Performance Additives visit [HEXPOLcompounding.com](http://HEXPOLcompounding.com) or call 330.928.7865.

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## PERFORMANCE ADDITIVES

Productivity Enhancing Products and  
Color Concentrates for Optimum Quality  
and Consistency



A Material Difference



## A LEGACY OF EXCELLENCE



HEXPOL is a leading global developer and manufacturer of quality polymer compounds. Our rich heritage is defined by innovation and customer collaboration. HEXPOL scientists and technologists are among the best in the world, providing proprietary compounding solutions that address our customers' evolving needs.

From automotive and transportation to oil & gas, medical, industrial, tire-toll, and consumer applications, HEXPOL is committed to delivering value and improving the products our customers make. We have 18 campuses in North America, including legacy names such as Gold Key Processing, Burton Rubber Processing, Colonial Rubber Works, RheTech and Valley Processing.



HEXPOL NAFTA locations position us to leverage our capabilities to serve locally, ensuring optimum resources for any compounding need and personalized service to customers of all sizes, wherever they are. In North America, we have nearly 30 mixing lines, six mixing mills and more than 374,000 metric tons of working capacity annually.

HEXPOL capabilities include:

- **Rubber Compounding** – Custom mixing and formulation development
- **Roller Compounds** – Expertise across a range of rubber roll applications
- **Silicone** – HCR silicone, fluorosilicones, and all types of silicone/EPDM compounds
- **Performance Additives** – A comprehensive line of custom and standardized performance additives and color concentrates
- **Tire-Toll** – Large-volume mixing for tread, retread, sidewall, coating stocks, bead, inner liner, bladder, and white compounding
- **Retreading Products** – Molded envelopes and curing tubes for tires, especially for trucks, heavy equipment, and aircraft
- **Thermoplastic and TPE Compounding** – Combining the best characteristics of thermoset rubber with the processing advantages of thermoplastics



HEXPOL legacy brands expand our global footprint, strengthen our technology leadership, and optimize our already superior customer service.

**HEXPOL AB is one of the world's leading polymer groups.**

Based in Malmo, Sweden, HEXPOL has a global footprint, with manufacturing facilities strategically located to serve customers across North America, Europe and Asia. HEXPOL is a U.S. \$1 billion + a year business with 3,900 employees in ten countries. HEXPOL is a public company traded on the Nordic Stock Exchange.

## HEXPOL PERFORMANCE ADDITIVES

HEXPOL Compounding offers a comprehensive range of Performance Additives, productivity enhancing pre-dispersed chemicals, master-batch products, and a palette of color concentrates.

Carefully prepared Performance Additives and colorants from HEXPOL maintain optimum quality and consistency during compounding. Our Performance Additives are designed to:

- **Ensure timely and complete dispersion of active ingredients into the compound**
- **Shorten mixing cycles, increasing machine throughput and reducing energy use**
- **Minimize airborne dust in transport, on the factory floor, and on mill mixing lines**
- **Simplify handling of difficult dry powders and raw materials**
- **Provide a safer environment and reduced exposure for workers**

From dispersed accelerators and fillers to vulcanizing agents and protectants, our technical support team provides cost-effective solutions for our customers' toughest problems.

### The Art of Innovation...The Precision of Science

Rubber compounding is an extremely difficult and complex process. Hundreds of variables affect compound mixing and the resulting properties of end products. Different methods of recipe development, the quality of raw materials, and differences in equipment are just a few of the variables. The best compounders rely on a little art to complement their exacting science.

OEMs and fabricators of rubber products often need assistance with custom mixing and formulation development. Leading providers of rubber products in markets as varied as automotive and transportation, oil & gas, medical, industrial, tire-toll, and consumer goods turn to HEXPOL.

HEXPOL technical teams provide expertise in:

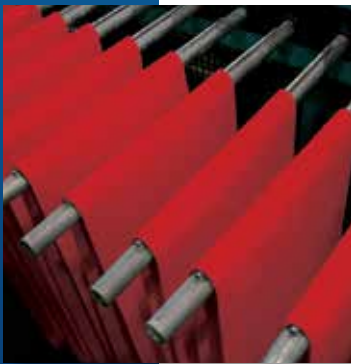
- **Dispersion technology** for chemicals and colorants for elastomers, thermoplastics, plasticizers and oils
- **Rubber compounding, including pigment selection, to provide a critical balance of cost and performance**
- **Mixing and dispersion equipment**

Designers and plant chemists around the globe rely on our innovative, analytical, and resourceful team to assist them with the selection and use of the right for their compounding needs.





SELECTING PERFORMANCE ADDITIVES



Product designers often have limited experience with rubber. They need assistance with making the best selections for their applications because of the overwhelming number of options available. A typical formulation recipe starts with a base rubber polymer and often has 10 to 20 additional ingredients, each of which can be available in different commercial grades.

The recipe shown here for a shoe sole, when considering the chemical options for each ingredient, presents a staggering number of variations. Understanding the properties of ingredients in a formula and how they influence each other, as well as the service life of the end product is critical.

Rubber Compound Quality Shoe Sole

PARTS PER HUNDRED (Pph)	INGREDIENT	FUNCTION
100	SBR 1502	Rubber Polymer
5	Stan-Plas 150	Naphthenic Oil Plasticizer
4	Zinc Oxide	Activator
2	Stearic Acid	Activator
1	Stangard PC	Antioxidant
1.5	MBTS	Accelerator
0.5	TMTM	Accelerator
2	Diethylene Glycol	Glycol Activator
2	Sulfur	Vulcanizing Agent
50	HiSil 233	Filler/Reinforcer
168	Total	

NOTE: The unit of measure for each ingredient is "parts per hundred rubber" (PHR). The rubber polymer is always 100 parts.

A Checklist for Performance Additives Selection

How do designers and plant chemists begin? Considering requirements in terms of product quality, development cycle time and cost, as well as environmental issues are key. Establishing the final product's critical characteristics and the processes for making the product will help define:

**Formulation** – Requirements specific to the product's end use, such as tires, conveyor belts, hoses, molded goods, flat goods and fabrics, electrical goods (wire and cable), and consumer goods.

**Functional Components** – These include raw materials such as base polymers, fillers, vulcanizing agents, plasticizers, process aids, lubricants, curatives, accelerators and activators, protectants, colorants, blowing agents, and bonding agents.

**Component Form** – Different form types, such as solids (e.g., slabs, bars, beads, and pellets), liquids or pastes impact handling, mixing, and environmental issues.

**Compound Development** – Custom formulating to meet the application's requirements. Understanding the mixing process helps with specialty product selection and form recommendation.

**Fabrication** – Different fabrication methods, such as extrusion, injection molding, compression molding, building, and curing, affect requirements and specialty product selection. Raw materials and the base compound impact fabrication methods.

**Financial Considerations** – Using performance additives is a small percentage of a formulation's cost, but they can significantly reduce overall manufacturing costs.

Finding the best specialty product solution can be difficult and requires correct assessment of the issue to be solved. Defining the problem is key. Is it the need for excellent dispersion, lower total cost, ease of handling, worker safety or other issues that define the desired outcome? Performance Additive options include pre-weighed materials, dust suppressors, polymer-based dispersions, vulcanized oils, and color dispersions.

Dust suppressed powders reduce airborne contaminants and provide precise ratios of critical ingredients. A pre-weigh product goes a step further and ensures accurate weights of pre-blended components, eliminating one more variable. Polymer-based dispersions provide excellent distributive mixing in the final compound. Vulcanized oils are permanent softeners, surface modifiers and complementary fillers. Color dispersions ensure color consistency and strength in pigment lots.

HEXPOL brings together technical leadership and attentive service to help you understand the challenges of specialty product selection for your compounding needs. We have technology teams and laboratories dedicated to the development of new or unique applications and products. And, our technologists are available to answer your day-to-day technical questions.

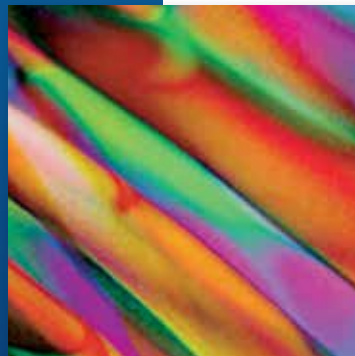
The chart below provides a quick guide for specialty product selection.

Manufacturing Concern	Solution Recommendation	Another Solution
Scrap too high due to inconsistent weighing of small add critical ingredients	Redimix®- Oil, Activators, Anti-Oxidant(s), Accelerators and Vulcanizing Agents Pre-mixed, blended and then one weighing equals 7 ingredients.	Accu-Way® - Oil, Activators, Anti-Oxidant(s), Accelerators and Vulcanizing Agent - Pre-mixed, blended and preweighed into a low melt batch inclusion bag. One bag equals 7 ingredients.
Too many ingredients to weigh for each batch	Redimix®- Oil, Activators, Anti-Oxidant(s), Accelerators and Vulcanizing Agent - Pre-mixed, blended and then one weighing equals 7 ingredients.	Accu-Way® - Oil, Activators, Anti-Oxidant(s), Accelerators and Vulcanizing Agent - Pre-mixed, blended and preweighed into a low melt batch inclusion bag. One bag equals 7 ingredients.
Health, Safety and Environmental Concerns Specifically material is too dusty	Redimix®- dedust the offending ingredient using a liquid already in the formula for optimum compatibility.	Mastermix® or PolyBound® can be used to significantly reduce handling issues.
Mill Cure Addition	Mastermix version of MBTS and TMTD: MASTERMIX® MBTS 4175 SLAB-75 MASTERMIX® TMTD 4187 SLAB-75	POLYBOUND® 301 MBTS-80 BLACK POLYBOUND® 304 TMTD-80
Undispersed powder in batches	Determine powder and purchase dispersion of that ingredient - such as: MASTERMIX® ZINC OXIDE 5318 PELLET-85	
Cycle times are too long	Purchase PolyBound versions of the powders for quicker incorporation: POLYBOUND® 498 ZINC OXIDE-85 POLYBOUND® 312 SULFUR-85 POLYBOUND® 301 MBTS-80 BLACK POLYBOUND® 304 TMTD-80	Purchase Mastermix versions of the powders: MASTERMIX® ZINC OXIDE 5318 PELLET-85 MASTERMIX® SULFUR 4077 SLAB-80 MASTERMIX® MBTS 4175 SLAB-75 MASTERMIX® TMTD 4187 SLAB-75
Other issues not listed	CALL US for recommendations!	





## FUNCTIONAL COMPONENT OVERVIEW



**Rubber Polymers** – There are numerous grades of base polymers that vary in properties and cost. Select the right polymer for your application because rubber does not have a universal, one-size-fits-all design criteria.

**Fillers** – Are available in two types: reinforcing, such as carbon black, and non-reinforcing, such as calcium carbonate. They help provide durability and performance in rubber compounds, as well as reduce the cost of raw materials.

**Plasticizers** – They improve the rubber's flow during processing and enhance filler dispersion.

**Tackifiers** – Provide short- and long-term tack in the compound that causes two layers to stick together with mild pressure.

**Process Aids** – As the name implies, these chemicals improve the compound's processability.

**Internal Lubricants** – Are mixed into the compound to keep the compound from sticking to process equipment and to lower heat build up.

**Protectants** – Include antioxidants that slow deterioration caused by contact with oxygen, antiozonants that slow deterioration caused by contact with ozone, and waxes, as well as metal deactivators and flame-retardants.

**Accelerators** – Hasten the chemical reaction and optimize the cross-linking reaction to speed up curing.

**Activators** – Strengthen accelerator performance and activate the vulcanization process.

**Curatives** – Sulfur, sulfur donors and other chemicals that cause cross-linking to occur.

**Colorants** – Are dispersions that eliminate cross-contamination of dry pigments, enhance color consistency across batch lots, reduce costs and increase product quality.

**Blowing Agents** – Produce gas by chemical or thermal action when added to a rubber compound in the manufacture of foamed or sponge products.

**Bonding Agents** – Adheres rubber to metal or other surfaces.

**Vulcanizing Agents** – These agents provide the chemical necessary for converting rubber or related polymers into a more durable rubber-elastic material end product.

## HEXPOL PERFORMANCE ADDITIVES FOR EVERY APPLICATION

HEXPOL develops custom-formulated and standardized Performance Additives and colorants for countless applications across hundreds of polymer-related industries. From product development and materials formulation to process enhancement and quality assurance, our technical support experts are ready to tailor Performance Additives and colorant systems to your specific requirements.

### Product Types and Capabilities

**Accu-Way®** – A certified, multi-component powder blend, Accu-Way pre-weighed, packaged chemicals are carefully blended (essentially, a pre-weighed Redimix® as described on the next page), weighed and heat-sealed in a low-melt batch inclusion bag. Benefits:

- Customized customer formulation and specialized weight
- Improved product/process uniformity
- Reduced labor and accuracy (no weighing specified materials)

**Desi-Cal®** – Calcium oxide acts as a moisture scavenger in rubber applications. Desical P, an industry standard, protects the calcium oxide from premature hydration. Desical P is available in 10-pound pre-weighed or custom packages. Benefits:

- Absorbs moisture and eliminates porosity
- Environmentally improved for reduced irritation
- Treated for longer shelf life and better mixing

**DSC® Silanes** – Liquid silane coupling agents, absorbed on a high surface area carrier, link the filler to the polymer to improve physical properties. DSC increases the modulus without significantly affecting other compound properties. Benefits:

- Improved handling and mixing
- Improved product uniformity

**Lubrex®** – These tire lubricants are a series of semi-permanent lubricity/release coatings. Lubrex BTC products are designed for use on butyl rubber bladders in tire-curing presses. Benefits:

- Keep green tire from sticking to the bladder during curing
- Replaces conventional lubricants that are applied to every tire prior to curing

**Mastermix®** – Single- and multiple-component dispersions designed to meet customer-specific compound requirements, providing an optimum balance of compatibility and dispersion to fit the application. Benefits:

- Clean, easy handling solid form (slabs, strips, pellets, cubes)
- Rapid incorporation during mixing
- Flexible for custom requirements



Scan code or visit  
[HEXPOLPerformanceAdditives.com](https://HEXPOLPerformanceAdditives.com)







**Polybound®** – A unique, encapsulation technology designed for rapid incorporation, these polymer-bound powders are single- or multi-component, high activity products that use a widely compatible, saturated polymer binder system.

Benefits:

- Clean, easy handling form
- Rapid, distributive mixing
- Multi-ingredient for reduced weighing



**Redimix®** – Oil-treated powders provided by Redimix enhance process and product uniformity. Compared with dry powders, Redimix is cleaner to handle and easier to weigh.

Benefits:

- De-dusted for better environment
- Surface wetted for faster mixing
- Multi-ingredient for reduced weighing



**Stan-Mag®** – Magnesium Oxide that provides excellent scorch safety for chlorinated polymers.

Benefits:

- Preserves cure profile and physical properties of halogenated polymers
- Treated forms – Protected for longer life and faster mix

**VVO®** – HEXPOL's VVO (Vulcanized Vegetable Oil) products act as permanent softeners, complementary fillers, surface modifiers and thixotropic process aids. Our technical staff continually formulates new grades and uses for vulcanized oils in modern processes.

Benefits:

- Improves dimensional stability (higher green strength)
- Reduces die swell
- Persistent softener (non-volatile, non-extractable, non-migratory)

**Mastermix® Colorants** – Available in polymer-bound, dry colors, and other forms, HEXPOL offers a wide range of stock colors, or we can supply a custom color match for your application.

Benefits:

- Consistent product color
- Reduced handling/housekeeping
- Rapid incorporation with excellent dispersion
- Improved pigment efficiency

HEXPOL technologists provide standard and custom Performance Additives solutions. The following lists include our standard Performance Additives offerings. Please contact us if you need a custom solution to meet your specific needs.

Accelerators

Ingredient	Name	Binder	Activity	Form	SG*
Calcium Hydroxide	MASTERMIX CALCIUM HYDROXIDE 5902 SLAB-50	FKM	50	Slab	1.89
CBS	MASTERMIX CBS 4181 SLAB-75	EPR	75	Slab	1.14
CBS	MASTERMIX CBTS 5170 SLAB-65	NBR	65	Slab	1.16
CBS	MASTERMIX CBS 4231 SLAB-75	NBR	75	Slab	1.18
CBS	POLYBOUND® 306 CBS-80 GREY	EP Type	80	Crumb	1.23
CBS	MASTERMIX CBS 4180 SLAB-75	SBR	75	Slab	1.15
CdDMC	POLYBOUND® 342 CDMC-80	EP Type	80	Crumb	1.53
CdDMC	POLYBOUND 343 CDMC-85	EP Type	85	Crumb	1.60
CMBT	MASTERMIX CMBT 5721 SLAB-80	EPR	80	Slab	1.77
CuDMC	MASTERMIX CUMATE 4870 SLAB-70	EPR	70	Slab	1.35
DETU	MASTERMIX DETU 4820 CUBE-75	CPE	70	Cube	1.04
DETU	MASTERMIX DETU 5003 SLAB-70	EPR	70	Slab	1.06
DETU	POLYBOUND® 381 DETU-80	EP Type	80	Crumb	1.09
DOTG	MASTERMIX DOTG 4163 SLAB-75	EPR	75	Slab	1.05
DOTG	POLYBOUND® 330 DOTG-80 BROWN	EP Type	80	Crumb	1.08
DPG	MASTERMIX DPG 5059 CUBE VIOLET-75	CPE	75	Cube	1.16
DPG	MASTERMIX DPG 4474 SLAB BLUE-65	EPR	65	Slab	1.05
DPG	MASTERMIX DPG 4195 PASTE-60	Napthenic Oil	60	Paste	1.00
DPG	MASTERMIX DPG 4999 SLAB-75	NBR	75	Slab	1.13
DPG	POLYBOUND® 308 DPG-80 VIOLET	EP Type	80	Crumb	1.14
DPTT	REDIMIX 9875 DPTT-85	DOP	85	Powder	1.39
DPTT	MASTERMIX DPTT 5218 SLAB-75	EPR	75	Slab	1.27
DPTT	POLYBOUND 345 DPTT-70	EP Type	70	Crumb	1.43
DPTT	POLYBOUND 326 DPTT-75	EP Type	75	Crumb	1.33
DPTT	POLYBOUND® 320 DPTT-80 ORANGE	EP Type	80	Crumb	1.36
DPTT	MASTERMIX SULFADS 4120 SLAB-70	SBR	70	Slab	1.28
DPTU	MASTERMIX DPTU 4363 SLAB RED-75	EPDM	75	Slab	1.16
DPTU	POLYBOUND® 389 DPTU-80 BLUE	EP Type	80	Crumb	1.25
HMDC	MASTERMIX 4581 DIAK #1-75	EPR	75	Slab	1.15
MBSS	MASTERMIX MBSS 5596 SLAB-75	NBR	75	Slab	1.33
MBSS	POLYBOUND 325 MBSS-75	EP Type	75	Crumb	1.33
MBSS	POLYBOUND 318 MBSS-80	EP Type	80	Crumb	1.38
MBS	MASTERMIX SULFENAMIDE MOR 4833	CPE	65	Slab	1.26
MBS	MASTERMIX OBTS 4846 SLAB-50	EPR	50	Slab	1.06
MBS	MASTERMIX OBTS 4182 SLAB-75	EPR	75	Slab	1.19
MBS	MASTERMIX MBS 5567 SLAB-50	NBR	50	Slab	1.23
MBS	POLYBOUND® 382 OBTS-80	EP Type	80	Crumb	1.28
MBT	MASTERMIX MBT 103 CUBE GREEN-70 GREEN	CPE	70	Cube	1.31
MBT	MASTERMIX 5820 MBT SLAB-80	CPE	80	Slab	1.31
MBT	MASTERMIX MBT 4173 CUBE BROWN-75	EPR	75	Cube	1.27
MBT	POLYBOUND 346 MBT-75	EP Type	75	Crumb	1.40
MBT	POLYBOUND 420 MBT-80	EP Type	80	Crumb	1.35
MBT	POLYBOUND 300 MBT-80 BROWN	EP Type	80	Crumb	1.35
MBTS	MASTERMIX MBTS 5120 CUBE-50	CPE	50	Cube	1.31
MBTS	MASTERMIX MBTS 5811 STRIP-80	EPDM	80	Slab	1.34
MBTS	MASTERMIX MBTS 4175 SLAB-75	EPR	75	Slab	1.30
MBTS	MASTERMIX MBTS 4819 PASTE-70	Napthenic Oil	70	Paste	1.28
MBTS	MASTERMIX MBTS 5737 SLAB-70	NBR	70	Slab	1.32
MBTS	MASTERMIX MBTS 4174 SLAB-75	NBR	75	Slab	1.34
MBTS	MASTERMIX MBTS 5749 SLAB-75	NBR	75	Slab	1.34
MBTS	POLYBOUND 347 MBTS-75	EP Type	75	Crumb	1.42
MBTS	POLYBOUND 437 MBTS-80	EP Type	80	Crumb	1.35
MBTS	POLYBOUND 663 MBTS-80	EP Type	80	Crumb	1.35
MBTS	POLYBOUND® 301 MBTS-80 BLACK	EP Type	80	Crumb	1.35
MET	POLYBOUND 334 MET-80	EP Type	80	Crumb	1.29
MET	POLYBOUND 333 MET-85	EP Type	85	Crumb	1.28
MgO	MASTERMIX MGO H 5901 SLAB-40	FKM	40	Slab	2.07
MMBI	MASTERMIX MTI 5088 CUBE-75	CPE	75	Cube	1.24

\*Specific Gravity

Accelerators

Ingredient	Name	Binder	Activity	Form	SG*
NIDMC	MASTERMIX METHYL NICLATE 1040 CUBE-75	CPE	75	Cube	1.58
TBBS	MASTERMIX TBBS 4184 SLAB-75	EPR	75	Slab	1.14
TBBS	MASTERMIX TBBS 5138 SLAB-75	NBR	75	Slab	1.20
TBBS	POLYBOUND® 307 TBBS-80	EP Type	80	Crumb	1.72
TBBS	MASTERMIX TBBS 4185 SLAB-75	SBR	75	Slab	1.17
TBSI	POLYBOUND 375 TBSI-80	EP Type	80	Crumb	1.27
TBTD	MASTERMIX TBUT 5274 SLAB-50	CPE	50	Slab	1.20
TBzTD	MASTERMIX 5714 TBZTD SLAB-75	NBR	75	Slab	1.26
TeDEC	MASTERMIX TDEC 4966 CUBE-70	CPE	70	Cube	1.32
TeDEC	MASTERMIX TDEC 4217 SLAB-75	EPDM	75	Slab	1.23
TeDEC	POLYBOUND® 392 TDEC-75	EP Type	75	Crumb	1.28
TeDEC	POLYBOUND® 303 TDEC-80	EP Type	80	Crumb	1.29
TETD	MASTERMIX TETD 5208 SLAB-75	EPR	75	Slab	1.15
TETD	MASTERMIX TETD 4647 SLAB-60	NBR	60	Slab	1.15
TETD	POLYBOUND® 373 TETD-80	EP Type	80	Crumb	1.23
TMTD	MASTERMIX TMTD 102 CUBE BLUE-70	CPE	70	Cube	1.28
TMTD	MASTERMIX TMTD 4187 SLAB-75	EPR	75	Slab	1.21
TMTD	MASTERMIX TMTD 405 PASTE-60	Napthenic Oil	60	Paste	1.16
TMTD	REDIMIX® 9257 TMTD	Napthenic Oil	90	Powder	1.35
TMTD	MASTERMIX TMTD 4396 SLAB-70	NBR	70	Slab	1.23
TMTD	POLYBOUND® 304 TMTD-80	EP Type	80	Crumb	1.31
TMTM	MASTERMIX TMTM 5179 Slab-75	EPDM	75	Slab	1.21
TMTM	MASTERMIX TMTM 4148 SLAB-75	EPR	75	Slab	1.22
TMTM	MASTERMIX TMTM 4192 PASTE-70	Napthenic Oil	70	Paste	1.21
TMTM	MASTERMIX TMTM 4927 SLAB-75	NBR	75	Slab	1.26
TMTM	POLYBOUND® 305 TMTM-80	EP Type	80	Crumb	1.30
TMTU	MASTERMIX THIATE EF 4841 SLAB-75	EPR	75	Slab	1.11
ZBDC	MASTERMIX ZDBC 5103 SLAB-75	CPE	75	Slab	1.18
ZBDC	MASTERMIX ZDBC 137 CUBE-75	CPE	75	Cube	1.19
ZBDC	MASTERMIX ZDBC 4301 SLAB BLUE-75	EPDM	75	Slab	1.25
ZBDC	POLYBOUND® 393 ZDBC-75	EP Type	75	Crumb	1.18
ZBDC	POLYBOUND® 321 ZDBC-80 PURPLE	EP Type	80	Crumb	1.18
ZBDC	POLYBOUND® 327 ZDBC-85	EP Type	85	Crumb	1.19
ZDBeC	MASTERMIX BENZAMATE 5192 SLAB-50	CPE	50	Slab	1.27
ZDBeC	POLYBOUND® 376 ZBEC-80	EP Type	80	Crumb	1.31
ZEDC	MASTERMIX CMS-114 SLAB-70	CPE	70	Slab	1.31
ZEDC	MASTERMIX ZDEC 5047 SLAB-75	EPR	75	Slab	1.00
ZEDC	POLYBOUND® 322 ZDEC-80	EP Type	80	Crumb	1.04
ZEDC	POLYBOUND 328 ZDEC-85	EP Type	85	Crumb	1.04
ZMBT	MASTERMIX ZMBT 122 CUBE BROWN-70	CPE	70	Cube	1.39
ZMBT	MASTERMIX ZMBT 4848 SLAB-75	EPR	75	Slab	1.33
ZMBT	POLYBOUND® 368 ZMBT-80 BROWN	EP Type	80	Crumb	1.46
ZMDC	MASTERMIX ZDMC 5 CUBE PINK-70	CPE	70	Cube	1.45
ZMDC	MASTERMIX 5819 ZDMC SLAB-80	CPE	80	Slab	1.45
ZMDC	REDIMIX 9874 ZDMC-85	DOP	85	Powder	1.53
ZMDC	MASTERMIX ZDMC 4177 SLAB-75	EPR	75	Slab	1.36
ZMDC	MASTERMIX ZDMC 4178 SLAB-75	NBR	75	Slab	1.36
ZMDC	MASTERMIX ZDMC 4852 SLAB-33	NR	33	Slab	1.09
ZMDC	POLYBOUND® 302 ZDMC-80 PINK	EP Type	80	Crumb	1.42
ZMDC	MASTERMIX ZDMC 4176 SLAB-75	SBR	75	Slab	1.44
ZMTI	POLYBOUND® 423 CUREBLEND	EP Type	80	Crumb	1.23
ZnDBP	MASTERMIX ZBPD 5512 CUBE-50	CPE	50	Cube	1.47
ZnDBP	MASTERMIX VOCOL 5072 CUBE-55	CPE	55	Cube	1.42
Other	MASTERMIX CURE-RITE 18 5011 SLAB-75	EPR	75	Slab	1.18
Other	MASTERMIX CALMAG 2194 SLAB-45	FKM	45	Slab	1.90
Other	MASTERMIX CALMAG 5903 SLAB-45	FKM	45	Slab	1.94
Other	MASTERMIX DPTU A-1 4951 PASTE-70	Napthenic Oil	70	Paste	1.16
Other	REDIMIX® 9009 CUREBLEND	Other	90	Powder	2.02
Other	REDIMIX® 9170 CUREBLEND	Other	95	Powder	1.36
Other	REDIMIX® 9171	Other	95	Powder	1.67

\*Specific Gravity

Antidegradant

Ingredient	Name	Binder	Activity	Form	SG*
AO	MASTERMIX ANTIOZONANT 1137 SLAB-45	CPE	45	Slab	1.25
AO	MASTERMIX WINGSTAY 100 AZ 1131 SLAB-55	CPE	55	Slab	1.20
AO	MASTERMIX WINGSTAY 100 1044 PASTE-65	DOS	65	Paste	1.07
AO	MASTERMIX ANTIOXIDANT 1054 SLAB-75	EPR	75	Slab	1.03
AO	MASTERMIX ANTIOXIDANT 1126 PASTE-50	Napthenic Oil	50	Paste	0.95
AO	MASTERMIX WINGSTAY 100 1083 PASTE-55	Napthenic Oil	55	Paste	1.05
AO	MASTERMIX ANTIOZONANT 1998 SLAB-70	NR	70	Slab	1.06
AO	MASTERMIX ANTIOXIDANT 1235 PASTE-40 (1010 Type)	Other	40	Paste	0.92
AO	MASTERMIX ANTIOZONANT 1147 SLAB-65	SBR	65	Slab	1.06
NiDBC	MASTERMIX NDBC 1068 SLAB-70	EPR	70	Slab	1.11
NiDBC	MASTERMIX NBC 1063 SLAB-75	EPR	75	Slab	1.14
NiDBC	POLYBOUND® 310 NBC-90	EP Type	90	Crumb	1.18
STABILIZER	MASTERMIX STABILIZER 1057 PASTE-60	DOP	62.5	Paste	0.99
STABILIZER	MASTERMIX STABILIZER B 1017 SLAB-75	ECO	75	Slab	1.07
STABILIZER	MASTERMIX STABILIZER 1127 PASTE-70	ESO	70	Paste	1.13
ZMTI	POLYBOUND 358 ZMTI-80	EP Type	80	Crumb	1.48

Blowing Agents

Ingredient	Name	Binder	Activity	Form	SG*
ADC	MASTERMIX CELOGEN AZ-199 8094 SLAB-70	EPDM	70	Slab	1.30
ADC	MASTERMIX BLOWING AGENT 8086 SLAB-75	EPR	75	Slab	1.36
ADC	MASTERMIX CELOGEN AZ-199 8045 PASTE-65	Napthenic Oil	65	Paste	1.29
ADC	MASTERMIX BLOWING AGENT (AZ-199) 8072 PASTE -65	Paraffinic Oil	65	Paste	1.28
ADC	MASTERMIX BLOWING AGENT (AZ-130) 8071 PASTE -75	Paraffinic Oil	70	Paste	1.32
ADC	MASTERMIX BLOWING AGENT (760) 8081 SLAB-60	PE	60	Slab	1.36
ADC	POLYBOUND 352 AZ-120-80	EP Type	80	Crumb	1.48
ADC	POLYBOUND 354 AZ-150-80	EP Type	80	Crumb	1.48
ADC	POLYBOUND 417 AZ-5100-80	EP Type	80	Crumb	1.48
ADC	POLYBOUND® 388 AZ-180 -80	EP Type	80	Crumb	1.43
ADC	POLYBOUND 353 AZ-130-80	EP Type	80	Crumb	1.48
ADC	POLYBOUND 355 AZ-199-80	EP Type	80	Crumb	1.48
ADC	MASTERMIX BLOWING AGENT (AZ-130) 8074 CUBE-50	PVC	50	Cube	1.38
ADC	MASTERMIX BLOWING AGENT (AZ-130) 8065 SLAB-75	SBR	75	Slab	1.38
UREA	MASTERMIX UREA 5420 SLAB-80	EPR	75	Slab	1.21
UREA	POLYBOUND® 466 UREA-75	EP Type	75	Crumb	1.25
UREA	POLYBOUND 311 UREA-80	EP Type	80	Crumb	1.23
Other	REDIMIX® 8009 SODIUM BICARBONATE	Napthenic Oil	92	Powder	1.97

Coagent

Ingredient	Name	Binder	Activity	Form	SG*
mPBM	MASTERMIX HVA-2 4509 SLAB-70	EPDM	70	Slab	1.21
mPBM	MASTERMIX MBM 5852 CUBE-70	EPDM	70	Cube	1.21

\*Specific Gravity

Desiccant

Ingredient	Name	Binder	Activity	Form	SG*
CaO	MASTERMIX CALCIUM OXIDE 6119 PASTE-80	DIDP	80	Paste	2.27
CaO	POLYBOUND 359 CALCIUM OXIDE-80	EP Type	80	Crumb	2.32
CaO	POLYBOUND 367 CALCIUM OXIDE-85	EP Type	85	Crumb	2.48
CaO	DESICAL® LIQUID	Napthenic Oil	78	Liquid	2.10
CaO	DESICAL® P - GRID PAK	Napthenic Oil	80	Pig	2.24
CaO	DESICAL® P-LM7	Napthenic Oil	80	Pig	2.24
CaO	MASTERMIX LIME 2182 PASTE-70	Other	70	Paste	1.97

DLP

Ingredient	Name	Binder	Activity	Form	SG*
AO	DLP 1019 Naugard SP-64H	Carrier	64	Powder	
AO	DLP 1117 POLYSTAY 200 - 65A	Carrier	65	Powder	1.39
AO	DLP 1020 Wingstay K-70A	Carrier	70	Powder	
AO	DLP 1032 WS29-70A	Carrier	70	Powder	
Citrus	DLP 1115 CITRUS - 05V	Carrier	5	Powder	2.48
Coagent	DLP 1035 SR-350E-30K	Carrier	30	Powder	1.82
Coagent	DLP 1073 SR-231-55MP3	Carrier	55	Powder	1.11
Coagent	DLP 1039 SR-350-56H	Carrier	56	Powder	
Coagent	DLP 1025 SR-350W-60H	Carrier	60	Powder	1.30
Coagent	DLP 1007 SR-350-65H (TMPTMA)	Carrier	65	Powder	
Coagent	DLP 1076 SR-231-70MP7	Carrier	70	Powder	1.08
Coagent	DLP 1026 SR-350W-72A	Carrier	72	Powder	
Coagent	DLP 1062 SR-350S-72A	Carrier	72	Powder	1.22
Coagent	DLP 1078 SARET SR 517-75M	Carrier	75	Powder	1.23
Coagent	DLP 1049 SR-517-75A	Carrier	75	Powder	
Coagent	DLP 1075 TMP/TMA-75M	Carrier	75	Powder	1.23
Curative	DLP 1067 Octoate Z-72A	Carrier	72	Powder	1.26
Curative	DLP 1068 Butyl Tuads-72A	Carrier	72	Powder	1.22
DBU	DLP 1005 DBU 40C	Carrier	40	Powder	1.62
DEG	DLP 1050 DEG-72A	Carrier	72	Powder	
DEG	DLP 1072 DEG-72A	Carrier	72	Powder	1.27
DIDP	DLP 1017 DIDP-65H	Carrier	65	Powder	1.18
DINP	DLP 1112 DINP-72A	Carrier	72	Powder	1.13
DOA	DLP 1029 DOA-72A	Carrier	72	Powder	1.09
DOP	DLP 1094 DOP-20N990	Carrier	20	Powder	1.54
DOP	DLP 1095 DOP-30N774	Carrier	30	Powder	1.44
DOP	DLP 1118 DOP-50P	Carrier	50	Powder	1.32
DOP	DLP 1001 DOP 72A	Carrier	72	Powder	1.15
DOS	DLP 1065 DOS-72A	Carrier	72	Powder	1.07
Epoxy	DLP 1058 EPON RESIN 828-72A	Carrier	72	Powder	1.32
ESO	DLP 1008 ESO-65H	Carrier	65	Powder	
HMMM	DLP 1034 HMMM - 40B	Carrier	40	Powder	
HMMM	DLP 1100 HMMM-65	Carrier	65	Powder	1.38
HMMM	DLP 1099 HMMM-72E	Carrier	72	Powder	1.37
LPO	DLP 1018 STAN PLAS 101C-72A	Carrier	72	Powder	1.07
Plasticizer	DLP 1047 Drakeol 35-60H	Carrier	60	Powder	
Plasticizer	DLP 1009 Drewfax 007-65H	Carrier	65	Powder	
Plasticizer	DLP 1006 Plasthall P-7046-65H	Carrier	65	Powder	
Plasticizer	DLP 1096 TP759-70A	Carrier	70	Powder	1.20
Plasticizer	DLP 1024 Plasthall P-7046-72A	Carrier	72	Powder	
Plasticizer	DLP 1063 Plasthall P-7046-72A	Carrier	72	Powder	1.26
Plasticizer	DLP 1002 PLASTICIZER SC-B-7	Carrier	72	Powder	1.14
Plasticizer	DLP 1057 VULKANOL 85-72E	Carrier	72	Powder	1.19
Plasticizer	DLP 1060 K-FLEX DP-72A	Carrier	72	Powder	1.28
Plasticizer	DLP 1116 DBES-72A	Carrier	72	Powder	1.13

\*Specific Gravity

DLP

Ingredient	Name	Binder	Activity	Form	SG*
PolyButadiene	DLP 1048 H-300 - 25C	Carrier	25	Powder	
PolyButadiene	DLP 1088 INDOPOL H-300-60H	Carrier	60	Powder	1.15
PolyButadiene	DLP 1071 INDOPOL-64A	Carrier	64	Powder	1.11
PolyButadiene	DLP 1089 INDOPOL H-300-70A	Carrier	70	Powder	1.07
PolyButadiene	DLP 1053 NIPOL 1312-72A	Carrier	72	Powder	1.12
PolyButadiene	DLP 1107 INDOPOL H1900-72A	Carrier	72	Powder	1.07
PolySulfide	DLP 1015 Polysulfide LP-32-47P	Carrier	47	Powder	
PolySulfide	DLP 1012 Polysulfide LP-32-55A	Carrier	55	Powder	
PolySulfide	DLP 1013 Polysulfide LP-32-55.5H	Carrier	55	Powder	
PolySulfide	DLP 1031 LP-31-70H	Carrier	70	Powder	
PolySulfide	DLP 1014 Polysulfide LP-32-72A	Carrier	72	Powder	1.41
PolySulfide	DLP 1016 Polysulfide LP-2C-72A	Carrier	72	Powder	
PolySulfide	DLP 1045 Thioplast G1-72A	Carrier	72	Powder	
PolySulfide	DLP 1044 Thioplast G131 - 72A	Carrier	72	Powder	
PolySulfide	DLP 1011 POLYSULFIDE LP-31	Carrier	72	Powder	1.41
Process Aid	DLP 1097 FOMBLIN Y06-10C	Carrier	10	Powder	2.50
Process Aid	DLP 1103 PINE TAR-72A	Carrier	72	Powder	1.16
Resin	DLP 1038 CI RESIN 50-72A	Carrier	72	Powder	1.36
Resin	DLP 1010 CI RESIN 25-72A	Carrier	72	Powder	1.22
Resin	DLP 1042 C I Resin 30-72A	Carrier	72	Powder	1.26
Resin	DLP 1041 CI RESIN 10-72A	Carrier	72	Powder	1.26
Resin	DLP 1102 TURGUM S-72A	Carrier	72	Powder	1.23
RPO	DLP 1098 SUNPAR 2280-65H	Carrier	65	Powder	1.10
RPO	DLP 1022 SUNDEX 790-70A	Carrier	70	Powder	1.16
RPO	DLP 1054 Sundex 790-72A	Carrier	72	Powder	1.14
RPO	DLP 1055 SUNPAR 2280-72A	Carrier	72	Powder	1.05
RPO	DLP 1061 SHELLFLEX 4132-72A	Carrier	72	Powder	1.04
RPO	DLP 1119 SUNPAR 2280-72U	Carrier	72	Powder	1.06
RPO	DLP 1033 Stan-Lube 60-75H	Carrier	75	Powder	
TAC	DLP 1043 TAC-50KE	Carrier	50	Powder	
TAC	DLP 1052 TAC-72A	Carrier	72	Powder	1.27
TAIC	DLP 1091 TAIC-50MP2	Carrier	50	Powder	1.01
TAIC	DLP 1079 TAIC-70MP7	Carrier	70	Powder	1.14
TAIC	DLP 1092 TAIC-70XP7	Polyethylene Pellet	70	Pellet	1.14
TBTD	DLP 1051 TBTD-72E	Carrier	72	Powder	
TEA	DLP 1030 TEA-72E	Carrier	72	Powder	
TOTM	DLP 1059 TOTM-72A	Carrier	72	Powder	1.15
TP90B	DLP 1028 TP90B-72A	Carrier	72	Powder	1.13
TriCresyl Phospate	DLP 1003 TCP-72A	Carrier	72	Powder	
ZnDBP	DLP 1023 VOCOL - 62H	Carrier	62	Powder	1.30
Other	DLP 1110 TRIMENE BASE-72A	Carrier	72	Powder	1.40

Flame Retardant

Ingredient	Name	Binder	Activity	Form	SG*
ATH	POLYBOUND 378 ATH-90	EP Type	90	Crumb	2.58
Sb2O3	MASTERMIX ANTIMONY OXIDE 2213 SLAB-85	CPE	85	Slab	3.30
Sb2O3	MASTERMIX ANTIMONY OXIDE L 2370 PASTE-80	DIDP	80	Paste	2.95
Sb2O3	POLYBOUND® 313 ANTIMONY OXIDE H-85	EP Type	85	Crumb	3.21
Sb2O3	MASTERMIX ANTIMONY OXIDE H 2271 SLAB085	EPDM	85	Slab	3.02
Sb2O3	MASTERMIX ANTIMONY OXIDE H 5421 SLAB-85	EPDM	85	Slab	3.02
Sb2O3	MASTERMIX ANTIMONY OXIDE H 2091 SLAB-85	EPDM	85	Slab	2.99
Sb2O3	MASTERMIX ANTIMONY OXIDE 2072 SLAB-85	EPR	85	Slab	2.90
Sb2O3	MASTERMIX ANTIMONY OXIDE L 201 PASTE-85	ESO	85	Paste	3.21
Sb2O3	MASTERMIX ANTIMONY OXIDE L 2274 SLAB-60	EVA	60	Slab	1.95
Sb2O3	MASTERMIX ANTIMONY OXIDE H 2062 SLAB-85	SBR	85	Slab	3.56
Sb2O3	MASTERMIX ANTIMONY OXIDE L 200 PASTE-80	TCP	80	Paste	3.04
Sb2O3	MASTERMIX ANTIMONY OXIDE L 2212 PASTE-80	TCP	80	Paste	3.08
ZB	POLYBOUND 377 ZINC BORATE-90	EP Type	90	Crumb	2.29
ZB	MASTERMIX ZINC BORATE 5444 SLAB-85	EPR	85	Slab	2.05
ZB	MASTERMIX ZINC BORATE 2055 PASTE-65	ESO	65	Paste	1.68
ZB	MASTERMIX ZINC BORATE 2056 PASTE-65	Napthenic Oil	65	Paste	1.61
ZB	MASTERMIX ZINC BORATE 2106 PASTE-65	TCP	65	Paste	1.84
Other	FYRAWAY 126	Other	85	Powder	2.90
Other	FYRAWAY 151	Other	94	Powder	
Other	MASTERMIX FLAME RETARDANT 2059 SLAB-80	SBR	80	Slab	2.14
Other	MASTERMIX FLAME RETARDANT 2185 SLAB-80	SBR	80	Slab	2.07

\*Specific Gravity



Inorganic Activators & Stabilizers

Ingredient	Name	Binder	Activity	Form	SG*
BiDMC	MASTERMIX BISMATE 4817 SLAB-75	EPDM	75	Slab	1.53
Calcium Hydroxide	MASTERMIX CALCIUM HYDROXIDE 2207 SLAB-50	FKM	50	Slab	1.89
CaO	MASTERMIX CALCIUM OXIDE 2191 SLAB-50	FKM	50	Slab	2.21
MAGNESIUM HYDROXIDE	MASTERMIX MAGNESIUM HYDROXIDE 4901 CUBE-65	CPE	65	Cube	1.65
MgO	STAN-MAG MINI-BEAD	Aromatic Oil	62.5	Bead	1.79
MgO	STAN-MAG DS-2 MINI-BEADS	Aromatic Oil	65	Bead	1.75
MgO	POLYBOUND® 463 MAG OXIDE 70	EP Type	70	Crumb	1.83
MgO	POLYBOUND 357 MgO DS-2-80	EP Type	80	Crumb	2.13
MgO	MASTERMIX MAG OXIDE 5826 DK RED CUBE-65	EPR	60	Cube	1.55
MgO	STAN-MAG DS-2 BAR	Napthenic Oil	57	Bar	1.80
MgO	STAN-MAG BAR	Napthenic Oil	64.5	Bar	1.80
MgO	STAN-MAG P-170	Napthenic Oil	65	Powder	1.71
MgO	STAN-MAG MBZ	Napthenic Oil	100	Powder	2.00
MgO	STAN-MAG 1326-HR	Napthenic Oil	100	Powder	3.17
MgO	STAN-MAG MLW	None	100	Powder	3.22
MgO	REDIMIX® 9455 (5 pound bag)	None	100	Powder	3.22
MgO	STAN-MAG DS-2	None	100	Powder	3.22
MgO	STAN-MAG 112	None	100	Powder	3.22
MgO	STAN-MAG AG	None	100	Powder	3.22
MgO	MASTERMIX STAN-MAG MLW 4280 PASTE	Paraffinic Oil	50	Paste	1.21
MgO	STAN-MAG BEAD	Paraffinic Oil	62.5	Bead	1.69
MgO	MASTERMIX STAN-MAG 5224 PASTE-60	TOTM	60	Paste	1.69
ZnO	MASTERMIX ZINC OXIDE 6182 PASTE-60	DOTP	60	Paste	1.96
ZnO	POLYBOUND® 498 ZINC OXIDE-85	EP Type	85	Crumb	3.25
ZnO	MASTERMIX ZINC OXIDE 4872 SLAB-85	EPDM	85	Slab	3.06
ZnO	MASTERMIX ZINC OXIDE 5090 SLAB-85	EPDM	85	Slab	3.10
ZnO	MASTERMIX ZINC OXIDE 5350 PELLET-85	EPDM	85	Slab	3.10
ZnO	MASTERMIX ZINC OXIDE 5318 PELLET-85	EPR	85	Slab	3.11
ZnO	MASTERMIX ZINC OXIDE 4849 SLAB-90	EPR	90	Slab	3.73
ZnO	MASTERMIX ZINC OXIDE 5118 SLAB-90	EPR	90	Slab	3.75
ZnO	MASTERMIX ZINC OXIDE 4625 PASTE-55	Napthenic Oil	55	Paste	3.06
ZnO	MASTERMIX ZINC OXIDE 5594 CUBE-80	NBR	80	Cube	2.89
ZnO	MASTERMIX ZINC OXIDE 5169 SLAB-80	Other	80	Slab	2.68
ZnO	MASTERMIX ZINCO 4910 BAR-90	Other	90	Slab	3.57
ZnO	MASTERMIX ZINC OXIDE 5223 PASTE-80	TOTM	80	Paste	2.89
ZnO	MASTERMIX ZINC OXIDE 5539 PASTE-70	DUP	70	Paste	2.27
ZnO	POLYBOUND 324 ZINC OXIDE-80	EP Type	80	Crumb	3.06
ZnO	POLYBOUND 350 HAS ZINC OXIDE-85	EP Type	85	Crumb	3.56
ZnO	MASTERMIX ZINC OXIDE 4993 SLAB-90	Other	90	Slab	3.57
ZnO	MASTERMIX ZINC OXIDE 4932 PASTE-60	PIB	60	Paste	1.80
ZnO	MASTERMIX ZINC OXIDE 5085 SLAB-85	SBR	85	Slab	3.18
Other	MASTERMIX ACTIVATOR (CAYTUR 4) 4961 SLAB	EPR	70	Slab	1.39

\*Specific Gravity



Miscellaneous

Ingredient	Name	Binder	Activity	Form	SG*
HMT (HEXA)	MASTERMIX HMT 402 PASTE-70	Aromatic Oil	70	Paste	1.21
HMT (HEXA)	MASTERMIX HMT 4060 PASTE-60	DOP	58.2	Paste	1.15
HMT (HEXA)	MASTERMIX HEXA 4924 PASTE-60	DOP	61.5	Paste	1.30
HMT (HEXA)	REDIMIX® 4167 HMT-70	DOP	70	Powder	1.20
HMT (HEXA)	POLYBOUND® 309 HMT-80	EP Type	80	Crumb	1.24
HMT (HEXA)	MASTERMIX HEXA 4165 SLAB-70	EPR	70	Slab	1.15
HMT (HEXA)	MASTERMIX HMT 4811 SLAB-60	NR	60	Slab	1.15
HMT (HEXA)	MASTERMIX HMT 400 SLAB-50	SBR	50	Slab	1.12
HMT (HEXA)	MASTERMIX HMT 4136 SLAB-65	SBR	65	Slab	1.14
Imidazole	MASTERMIX IMIDAZOLE 5738 SLAB-35	Other	35	Slab	0.82
MoS2	MASTERMIX MOLYDISULFIDE 6151 PASTE-70	DOS	70	Paste	2.11
MoS2	MASTERMIX MOLYDISULFIDE 6118 SLAB-80	NBR	80	Slab	2.72
Peptizer	MASTERMIX PEPTONE 6 CUBE BLUE-75	SBR	75	Cube	1.56
PTFE	MASTERMIX PTFE 6105 SLAB-75	FKM	75	Slab	1.90
PTFE	MASTERMIX PTFE 6111 SLAB-75	FKM	75	Slab	1.87
PTFE	MASTERMIX PTFE 6180 SLAB-80	NBR	80	Slab	1.80
PTFE	MASTERMIX PTFE 6091 SLAB-80	NBR	80	Slab	1.75
Resin	MASTERMIX BUTYL CURING RESIN 5600 MB	Butyl	70	Slab	1.31
Resin	MASTERMIX CURE RESIN 4806 SLAB-70	CPE	22	Slab	1.40
Resin	POLYBOUND 362 RESIN-80	EP Type	80	Crumb	1.16
Resin	POLYBOUND 609 DUREZ-80	EP Type	80	Crumb	1.16
Resin	REDIMIX® 9589 HYDROCARBON RESIN-90	Other	90	Powder	1.08
Resin	REDIMIX® 9497	Other	90	Powder	1.07
Resorcinol	MASTERMIX RESORCINOL 5070 PASTE-60	DIDP	60	Paste	1.10
Resorcinol	REDIMIX® 401 RAP-60	Other	60	Powder	1.06
Resorcinol	MASTERMIX RESORCINOL 5142 SLAB-75	SBR	75	Slab	1.12
TiO2	POLYBOUND 667 TITANIUM DIOXIDE-80	EP Type	80	Crumb	2.51
ZDBeC	MASTERMIX BENZAMATE 5261 SLAB-50	CPE	50	Slab	1.24
ZINC SULFIDE	MASTERMIX ZINC SULFIDE 5640	Other	20	Slab	1.00
Other	MASTERMIX POTASSIUM STEARATE 5708 CUBE-50	CPE	50	Cube	1.08
Other	MASTERMIX SODIUM STEARATE 6095 CUBE-50	CPE	50	Cube	1.10
Other	MASTERMIX PENTAEERYTHRITOL 6140 SLAB-80	CPE	80	Slab	1.30
Other	POLYBOUND 356 PE-200-80	EP Type	79	Crumb	1.30
Other	MASTERMIX FILLER 2400 SLAB-50	NBR	50	Slab	1.17
Other	MASTERMIX BLEND 5579 SLAB-70	NBR	70	Slab	1.72
Other	MASTERMIX LAUREX 4568 SLAB-50	NR	50	Slab	1.04
Other	MASTERMIX ANTIMICROBAL 5217 PASTE-15	Other	15	Paste	1.06
Other	MASTERMIX SULFATE 2242 PASTE-55	Other	55	Slab	1.69
Other	MASTERMIX SOLID LUBRICANT 6164-LB-100	Other	100	Slab	1.14
Other	REDIMIX® 9821	Other	100	Powder	1.58
Other	MASTERMIX LUBREX 6039	Other		Liquid	0.87
Other	MASTERMIX VANCIDE 89 5836 SLAB-70	SBR	70	Slab	1.31

\*Specific Gravity

Retarder

Ingredient	Name	Binder	Activity	Form	SG*
CTP (PVI)	POLYBOUND® 344 CTP-80 BLUE	EP Type	80	Crumb	1.23
CTP (PVI)	MASTERMIX PVI 4091 (CTP) SLAB-50	EPDM	50	Slab	1.26
CTP (PVI)	MASTERMIX PVI 5010 (CTP) SLAB-80	EPDM	80	Slab	1.19
CTP (PVI)	MASTERMIX CTP 4813 CUBE BROWN-75	NBR	75	Cube	1.20
CTP (PVI)	MASTERMIX CTP 4086 SLAB-50	SBR	50	Slab	1.16
PTA	MASTERMIX RETARDER 4840 SLAB-75	EPR	75	Slab	1.28
RETARDER	MASTERMIX RETARDER BAX 5221 PASTE-70	Napthenic Oil	70	Paste	1.16
RETARDER	MASTERMIX SALICYLIC ACID 5314 PELLET-80	SBR	83	Slab	1.27



Silane Coupling Agent

Ingredient	Name	Binder	Activity	Form	SG*
Mercapto Silane	DSC 4S	Carrier	70	Powder	1.32
Mercapto Silane	DSC 18N	Carrier	70	Powder	1.20
Mercapto Silane	DSC 2S	Carrier	70	Powder	1.32
Vinyl Silane	DSC 74	Carrier	70	Powder	1.15

Vulcanizing Agent

Ingredient	Name	Binder	Activity	Form	SG*
DPTT	MASTERMIX DPTT 4186 SLAB-70	EPR	70	Slab	1.25
DTDM	MASTERMIX DTDM 5122 CUBE-50	CPE	50	Cube	1.16
DTDM	POLYBOUND 329 DTDM-75	EP Type	75	Crumb	1.19
DTDM	POLYBOUND 323 DTDM-80	EP Type	80	Crumb	1.28
DTDM	MASTERMIX SULFASAN R 4875 CUBE-75	EPDM	75	Cube	1.19
DTDM	MASTERMIX DTDM 4202 SLAB-75	EPR	75	Slab	1.20
DTDM	MASTERMIX DTDM 4237 SLAB-75	NBR	75	Slab	1.23
ECHO	MASTERMIX ECHO A 4842 SLAB-75	CPE	75	Slab	1.34
ECHO	MASTERMIX ECHO A 4855 SLAB-75	ECO	75	Slab	1.38
ECHO	POLYBOUND 364 ECHO MPS-80	EP Type	80	Crumb	1.94
ECHO	POLYBOUND 363 ECHO A-80	EP Type	80	Crumb	1.34
ECHO	MASTERMIX ECHO A/P 4879 SLAB-75	EPR	75	Slab	1.28
mPBM	POLYBOUND 374 HVA-2-80	EP Type	80	Crumb	1.33
SULFUR	MASTERMIX 5824 SULFUR SLAB-80	CPE	80	Slab	1.72
SULFUR	MASTERMIX SULFUR 4889 PASTE-75	DOP	75	Paste	1.57
SULFUR	POLYBOUND 395 SULFUR XR 75	EP Type	75	Crumb	1.56
SULFUR	POLYBOUND* 341 SULFUR-80	EP Type	80	Crumb	1.73
SULFUR	POLYBOUND 351 FINE SULFUR-85	EP Type	85	Crumb	1.77
SULFUR	POLYBOUND* 312 SULFUR-85	EP Type	85	Crumb	1.79
SULFUR	REDIMIX® 9318 SULFUR-EP-90	EP Type	90	Powder	1.84
SULFUR	MASTERMIX CMS SULFUR 120 SLAB-80	EPDM	80	Slab	1.62
SULFUR	MASTERMIX SULFUR 4194 SLAB-80	EPDM	80	Slab	1.64
SULFUR	MASTERMIX SULFUR 4077 SLAB-80	EPR	80	Slab	1.64
SULFUR	MASTERMIX SULFUR 4996 CUBE-80	EPR	80	Cube	1.66
SULFUR	MASTERMIX SULFUR (SPIDER) 4748 SLAB-80	EPR	80	Slab	1.63
SULFUR	MASTERMIX SULFUR 5840 PASTE-50	Napthenic Oil	50	Paste	1.26
SULFUR	MASTERMIX SULFUR 4997 PASTE-60	Napthenic Oil	60	Paste	1.33
SULFUR	MASTERMIX SULFUR 4826 PASTE-65	Napthenic Oil	68	Paste	1.44
SULFUR	MASTERMIX SULFUR 5131 SLAB-75	NBR	75	Slab	1.62
SULFUR	MASTERMIX FINE SULFUR 5023 SLAB-75	NBR	75	Slab	1.62
SULFUR	MASTERMIX SULFUR 4226 SLAB-75	NBR	75	Slab	1.63
SULFUR	MASTERMIX SULFUR 4933 SLAB-80	NBR	80	Slab	1.59
SULFUR	MASTERMIX 9910 SLAB-40	NR	40	Slab	1.00
SULFUR	MASTERMIX SULFUR 5624 SLAB-50	NR	50	Slab	1.29
SULFUR	MASTERMIX SULFUR 4844 PASTE-65	Paraffinic Oil	65	Paste	1.63
SULFUR	MASTERMIX SULFUR 4745 SLAB-75	SBR	75	Slab	1.58
SULFUR	MASTERMIX SULFUR 4986 SLAB-80	SBR	80	Slab	1.67
SULFUR	MASTERMIX SULFUR 5333 SLAB-80	SBR	80	Slab	1.65
SULFUR (INSOLUBLE)	POLYBOUND* 604 INSOLUBLE SULFUR-65	EP Type	65	Crumb	1.45
SULFUR (INSOLUBLE)	POLYBOUND 317 INSOLUBLE SULFUR-70	EP Type	70	Crumb	1.43
SULFUR (INSOLUBLE)	POLYBOUND* 316 INSOLUBLE SULFUR HS-70	EP Type	70	Crumb	1.44
SULFUR (INSOLUBLE)	MASTERMIX INSOLUBLE SULFUR 4162 SLAB-70	EPDM	75	Slab	1.49
SULFUR (INSOLUBLE)	MASTERMIX INSOLUBLE SULFUR 4159 SLAB-70	EPR	75	Slab	1.50
SULFUR (INSOLUBLE)	MASTERMIX INSOLUBLE SULFUR 60 5320 SLAB-65	IR	65	Slab	1.42
SULFUR (INSOLUBLE)	MASTERMIX INSOLUBLE SULFUR 5256 SLAB-70	IR	70	Slab	1.45
SULFUR (INSOLUBLE)	MASTERMIX CRYSTEX 4853 SLAB-70	NR	70	Slab	1.45
SULFUR (INSOLUBLE)	MASTERMIX CRYSTEX 5084 SLAB-70	SBR	70	Slab	1.47
TBAB	MASTERMIX TBAB 4988 SLAB-50	CPE	50	Slab	1.07
ZnO	MASTERMIX ZINC OXIDE 4663 SLAB-85	NBR	85	Slab	3.30
ZnO	MASTERMIX ZINC OXIDE 4792 SLAB-75	NR	75	Slab	2.48
Other	REDIMIX 9701	DIDP	90	Powder	1.88

\*Specific Gravity

VVO

Ingredient	Name	Binder	Activity	Form	SG*
Canola	VVO* 300 BROWN COARSE	Brown	100	Crumb	1.03
Canola	VVO* 350 BROWN FINE GROUND	Brown	100	Crumb	1.03
Castor	VVO* 700 BROWN COARSE	Brown	100	Crumb	1.03
Soybean	VVO* NEOPHAX A REGULAR CAKE-SCREENED	Brown	100	Cake	1.04
Soybean	VVO* CAR BEL EX 20 CAKE	Brown	100	Cake	1.11
Soybean	VVO* 2-L BROWN CAKE-SCREENED	Brown	100	Cake	1.04
Soybean	VVO* 2-L BROWN COARSE-SCREENED	Brown	100	Crumb	1.04
Soybean	VVO* 74 BROWN CAKE	Brown	100	Cake	1.04
Soybean	VVO* 125 BROWN COARSE	Brown	100	Crumb	1.00
Canola	VVO* 50 WHITE FINE GROUND	White	100	Crumb	1.04
Canola	VVO* 20 PEROXIDE CURED	White	100	Crumb	0.92
Canola	VVO* 219 WHITE FINE GROUND	White	100	Crumb	1.04
Soybean	VVO* SPECIAL FRENCH 32 WHITE FINE GROUND	White	100	Crumb	1.29
Soybean	VVO* 31-B WHITE FINE GROUND	White	100	Crumb	1.04

\*Specific Gravity



COLOR CONCENTRATES

Blue

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PB15	DRY	100	MMC 90-1045 Blue DRY PWD-100	1.60	1	D-4005 BLUE		
PB15	EPDM	50	MMC 90-1075 Blue EM Slab-50	1.12	1	MB-5729	0.7	626C Blue EPMB
					1	40EP08 BLUE	0.85	632 Blue EPMB (HP)
							1	6796 Blue
							1?	E-1045 Blue EPMB
							1?	E-444 Blue EPMB
PB15	SBR	50	MMC 90-1042 Blue SB Slab-50	1.19	1	40MB08 BLUE	0.75	626 BLUE
							0.75	626 Blue MB (HP)
							1.2	BK Blue MB
							1	E-1085
							0.65	E-980 Blue (PASTE)
PB15	SBR	50	MMC 90-1176 Blue SB Cube-50	1.19	1	40MC08 Blue		
PB15	SBR	50	MMC 90-1067 Blue SB Slab-50	1.19	1	MB-29436 BLUE		
PB15	SBR	30	MMC 90-1130 Blue SB Slab-30	1.33	1	CMS 626 BLUE	1	626C Blue MB
PB15	UB	50	MMC 90-1097 Blue UB Slab-50	1.19				
PB15:1	DRY	100	MMC 90-1048 Blue DRY PWD-100	1.50	1	D-4008 BLUE		
PB15:1	EPDM	50	MMC 90-1129 Blue EM Slab-50	1.19	1	MB-5448 Blue		
					1	40EP10 BLUE		
PB15:3	DRY	100	MMC 90-1046 Blue DRY PWD-100	1.64	1	D-4006 BLUE		
PB15:3	EPR	50	MMC 90-1127 Blue EP Slab-50	1.23	1	MB-12523 BLUE		
PB15:3	EPR	45	MMC 90-1085 Blue EP Slab-45	1.09	1	40EP05 BLUE	1	650 Blue EPMB (HP)
							1	E-756 Blue EPMB
PB15:3	SBR	50	MMC 90-1186 Blue SB Slab-50	1.29	1	40MB05 Blue	1	650 BLUE
							1	E-756 Blue MB
PB28	EP	60	MMC 94-1194 Blue EP Cube-60	1.66				
PB29	EPDM	60	MMC 94-1164 Blue EM Slab-60	1.57	1	MB-14725 Blue	1	E-610 Blue
					1	42EP02 Blue	1	E-793 Blue EPMB
					1	MB-5652 Blue (SBR)		
					1	42MB02 Blue (SBR)	1?	614 Blue

Black

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PBk11	DRY	100	MMC 15-1057 Black DRY PWD-100	4.95	1	DC-260 BLACK	1	E-8846 Black
PBk11	EPR	60	MMC 15-1098 Black EM Slab-60	1.62	1	90EP05 BLACK	0.8	E-8908 Black EPMB
PBk7	CPE	40	MMC 10-1087 Black CP Slab-40	1.31				
PBk7	EPDM	50	MMC 10-1074 Black EM Slab-50	1.17	1	MB-24985 BLACK		
PBk7	EPDM	50	MMC 10-1121 Black EM Slab-50	1.17	1	MB-25705 BLACK		
PBk7	EPDM	40	MMC 10-1065 Black EM Slab-40	1.14	1	MB-14689 BLACK	0.45	E-18246 BLACK
							0.75	E-18401 BLACK
							0.8	E-18057 Black EPMB
PBk7	EPDM	35	MMC 10-1117 Black EM Slab-35	1.04	1	90EP01 BLACK		
PBk7	SBR	35	MMC 10-1133 Black SB Slab-35	1.10	1	90MB01 BLACK	0.45	E-8616 Black
							1?	Jet Black A MB
PBk(BLEND)	EPDM	30	MMC 10-1159 Black EM Slab-30	1.32	1	MB-25490 Black		

Brown

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PBr6(D)	DRY	100	MMC 85-1108 Brown DRY PWD-100	4.60	1	D-8301 DARK BROWN		
PBr6(L)	DRY	100	MMC 85-1109 Brown DRY PWD-100	4.60	1	D-8300 LIGHT BROWN		
PBr6(L)	SBR	65	MMC 85-1051 Brown SB Slab-65	2.10	1	MB-3912 BROWN		
PBr24	SBR	65	MMC 74-1124 Yellow SB Slab-65	1.95	1	MB-25784 YELLOW		
PBr(BLEND)	SBR	50	MMC 88-1165 Brown SB Slab-50	1.20	1	MB-6386 Brown		
PBr(BLEND)	EPDM	50	MMC 85-1185 Brown EM Slab-50	1.63	1	MB-29281 Brown		
PBr(BLEND)	SBR	50	MMC 88-1198 Beige SB Slab-50	1.44	1	MB-7574 Beige		

COLOR CONCENTRATES

Effect

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
P(EFFECT)	SBR	20	MMC 89-1171 Brown SB Slab-20	1.32	1	MB-31639 Bronze		
P(EFFECT)	SBR	20	MMC 19-1173 Black SB Slab-20	1.32	1	MB-31771 BLACK MICA		
P(EFFECT)	SBR	20	MMC 79-1174 Yellow SB Slab-20	1.28	1	MB-31637 ROYAL GOLD		

Green

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PG17	DRY	100	MMC 64-1054 Green DRY PWD-100	5.20	1	D-5900 GREEN		
PG17	EPDM	70	MMC 64-1086 Green EM Slab-70	2.14	1	59EP01 GREEN	1	E-2721 GREEN EPMB
					1	MB-11778 Green		
PG17	SBR	70	MMC 64-1091 Green SB Slab-70	2.16	1	59MB01 GREEN	1	E-2721 GREEN
PG7	EPDM	45	MMC 60-1184 Green EM Slab-45	1.29	1	51EP02 Green	1?	409 Green EPMB
							1	423 Green EPMB
							1?	E-2773 Green EPMB
PG7(B)	DRY	100	MMC 60-1055 Green DRY PWD-100	2.10	1	D-5005 GREEN		
PG7(B)	EPDM	50	MMC 60-1114 Green EM Slab-50	1.44	1	MB-25411 GREEN	0.9	E-2166 Green EPMB
PG7(B)	FKM	45	MMC 60-1061 Green FK Slab-45	1.29				
PG7(B)	NR	50	MMC 60-1132 Green NR Slab-50	1.56	1	MB-30379 GREEN		
PG7(B)	SBR	50	MMC 60-1208 Green EM Slab-50	1.30	1	51EP05 Green	1	E-2567 EPMB
PG7(B)	SBR	50	MMC 60-1082 Green SB Slab-50	1.30	1	51MB05 GREEN		
PG7(B)	SBR	45	MMC 60-1043 Green SB Slab-45	1.25	1	51MB02 GREEN	1?	409 Green MB
							1	E-2152 Green MB
							0.9	E-2166 Green MB
PG7(B)	SBR	45	MMC 60-1077 Green SB Slab-45	1.24	1	CMS 450 GREEN		
PG7(Y)	DRY	100	MMC 60-1053 Green DRY PWD-100	2.10	1	D-5003 GREEN		
PG7(Y)	EPDM	50	MMC 60-1080 Green EM Slab-50	1.23	1	MB-5728 GREEN		
PG7(Y)	EPDM	45	MMC 60-1126 Green EM Slab-50	1.32	1	51EP03 GREEN	1	414 GREEN EPMB
					0.9	MB-8082 Green		
					1	MB-12053 Green		
PG7(Y)	NBR	25	MMC 60-1084 Green NB Slab-25	1.13	1	MB-27947 GREEN		
PG7(Y)	SBR	45	MMC 60-1115 Green SB Slab-45	1.39	1	51MB03 GREEN	1	414 GREEN (HP)
PG(BLEND)	EP	50	MMC 68-1162 Green EM Slab-50	1.18	1	50EP05 Green	1?	E-2295 Green EPMB
PG(BLEND)	SBR	50	MMC 68-1161 Green SB Slab-50	1.24	1	50MB05 Green	1	E-2295 Green MB
PG(BLEND)	SBR	40	MMX 68-1189 Green SB Slab-40	1.31			1	641 GREEN
PG(BLEND)	SBR	55	MMC 68-1143 Green SB Slab-55	1.22	1	MB-30945 GREEN		

Metal

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PM1	SBR	50	MMC 39-1172 Gray SB Slab-50	1.28	1	MB-31605 ALUMINUM (SM PARTICLE)	1?	#2 Aluminum MB
					1	61MB01 Aluminum		

FIRST DIGIT	
	Color
0	Violet
1	Black
2	White
3	Gray
4	Orange
5	Red
6	Green
7	Yellow
8	Brown
9	Blue

Color 2nd digit numbers
0 = Organic
4 = Inorganic, not Iron Oxide
5 = Iron Oxide
7 = Fluorescent
8 = Pigment Blend
9 = Effect Pigment

COLOR KEY - First Two Digits of HEXPOL Product Name  
EXAMPLE: MMC 90-1045 Blue DRY PWD-100

First Digit

Second Digit





COLOR CONCENTRATES

Orange

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PO13	DRY	100	MMC 40-1113 Orange DRY PWD-100	1.68	1	D-1502 ORANGE		
PO13	EPDM	25	MMC 40-1083 Orange EM Slab-25	0.97	1.5	CMS 870 Orange	1?	870 Orange EPMB
						15EP01 ORANGE		
PO13	SBR	25	MMC 40-1034 Orange SB Slab-25	1.04	1	15MB01 ORANGE	1?	860 Orange MB
							1?	870 Orange MB
PO16	DRY	100	MMC 40-1110 Orange DRY PWD-100	1.50	1	D-1503 ORANGE		
PO16	EPDM	40	MMC 40-1106 Orange EM Slab-40	1.13	1	15EP05 ORANGE	1	45 Orange EPMB
PO16	SBR	40	MMC 40-1136 Orange SB Slab-40	1.13	1	15MB05 ORANGE	1	42 ORANGE
							1	45 ORANGE
PO16	SBR	40	MMC 40-1035 Orange SB Slab-40	1.09	1	15MB03 ORANGE	1	56 ORANGE
PO16	SBR	40	MMC 40-1136 Orange SB Slab-40	1.13	1	15MB05 ORANGE	0.75	6615 Orange
							1	E-7388 Orange
PO16	SBR	40	MMC 40-1036 Orange SB Slab-40	1.13	1	15MB08 ORANGE		
PO34	DRY	100	MMC 40-1203 Orange DRY PWD-100	1.39				
PO36	EPR	50	MMC 40-1163 Orange EP Slab-50	1.24	1	MB-15871 Orange		
					1	15EP06 Orange		
PO36	SBR	50	MMC 40-1122 Orange SB Slab-50	1.29	1	15MB06 ORANGE		
PO64	EPR	50	MMC 40-1149 Orange EP Slab-50	1.23	1	MB-17114 Orange	0.8	E-7518 Orange EPMB (HP)
PO64	SBR	50	MMC 40-1154 Orange SB Slab-50	1.29	1	15MB07 Orange	0.8	E-7518 Orange
PO(BLEND)	EPDM	35	MMC 48-1190 Orange EM Slab-35	1.25			1	E-7732 Orange EPMB

Red

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PR101(BS)	DRY	100	MMC 55-1056 Red DRY PWD-100	5.00	1	D-8200 RED		
PR101(BS)	EPDM	60	MMC 55-1066 Red EM Slab-60	1.72	1	MB-15755 RED	1	E-4283 RED
PR101(VBS)	DRY	100	MMC 55-1192 Red DRY PWD-100	5.00	1	D-8201 Red		
PR101(VYS)	DRY	100	MMC 55-1099 Red DRY PWD-100	5.00	1	D-8202 Red	1	E-4129 RED POWDER
PR101(VYS)	EPDM	60	MMC 55-1049 Red EM Slab-60	1.72	1	82EP04 RED	1	E-4797 Red EPMB
PR101(VYS)	SBR	60	MMC 55-1062 Red SB Slab-60	1.83	1	MB-11943 RED	1.67	E-4129 RED POWDER
PR101(VYS)	SBR	60	MMC 55-1072 Red SB Slab-60	1.84	1	82MB04 RED	0.8	E-4182 Red
				1.84	1	82MB04 RED	1	E-4213 Red
PR101(VS)	DRY	100	MMC 55-1202 Red DRY PWD-100	5.00	1	DC-313 Red		
PR101(VYS)	NBR	50	MMC 55-1128 Red NB Slab-50	1.77	1	MB-18910 RED		
PR104	EPDM	60	MMC 44-1116 Orange EM Slab-60Q	1.87	1	MB-9118 ORANGE		
PR170(B)	EPDM	50	MMC 50-1142 Red EM Slab-50	1.15	1	23EP06 RED		
PR170(B)	NBR	50	MMC 50-1120 Red NB Slab-50	1.13	1	MB-12835 RED		
PR170(B)	SBR	50	MMC 50-1145 Red SB Slab-50	1.20	1	23MB06 RED		
PR170(Y)	SBR	50	MMC 50-1064 Red SB Slab-50	1.20	1	MB-14508 RED		
PR254	CPE	45	MMC 50-1160 Red CP Cube-45	1.39	1	MB-25462 Red		
PR254	DRY	100	MMC 50-1187 Red DRY PWD-100	1.60	1	DC-691 Red	1	E-4991 RED EPMB
PR254	EPDM	50	MMC 50-1177 Red EM Slab-50	1.23				
PR254	EPDM	20	MMC 50-1118 Red EM Slab-20	1.36	1	MB-26984 RED	1	E-4991 RED
PR254	SBR	50	MMC 50-1134 Red SB Slab-50	1.29	1	MB-24972 RED		
PR38	DRY	100	MMC 50-1047 Red DRY PWD-100	1.45	1	D-2603 RED		
PR38	EPDM	40	MMC 50-1078 Red EM Slab-40	1.04	1	26EP03 RED	1?	96 Red EPMB
					1	MB-12235 Red		
PR38	SBR	50	MMC 50-1138 Red SB Slab-50	1.24	1	26MB01 RED		
PR38	SBR	50	MMC 50-1139 Red SB Cube-50	1.24	1	26MC01 RED		
PR38	SBR	40	MMC 50-1041 Red SB Slab-40	1.19	1	26MB03 RED	1	97C Red
					1	CMS 97 RED		
PR38	SBR	40	MMC 50-1137 Red SB Cube-40	1.19	1	26MC03 RED		
PR48:1	DRY	100	MMC 50-1071 Red DRY PWD-100	1.95	1	D-2800 RED		
PR48:1	EPDM	50	MMC 50-1175 Red EM Slab-50	1.33	1	MB-5726 Red		
					1	28EP02 Red		
PR48:1	SBR	50	MMC 50-1141 Red SB Slab-50	1.39	1	28MB02 RED	0.85	544 RED MB
PR48:2	DRY	100	MMC 50-1107 Red DRY PWD-100	1.70	1	D-2503 RED		
PR48:2	EPDM	50	MMC 50-1037 Red EM Slab-50	1.14	1	25EP12 RED	1	660 Red EPMB
PR48:2	EPDM	50	MMC 50-1081 Red EM Slab-50	1.14	1	MB-5710 RED		
PR48:2	SBR	50	MMC 50-1039 Red SB Slab-50	1.20	1	25MB12 RED	0.9	E-4458 Red MB
					0.8	CMS 660 Red	1	660 Red MB
							1	E-4759 Red MB
PR48:2	SBR	45	MMC 50-1038 Red SB Slab-45	1.27	1	25MB05 RED	1?	537 Red MB
PR(BLEND)	EPDM	50	MMC 50-1089 Red EM Slab-50	1.32	1	MB-20640 RED	1	544 RED EPMB
PR(BLEND)	SBR	40	MMC 50-1147 Red SB Slab-40	1.28	1	MB-29847 Red Slab-40		
PR(BLEND)	EPDM	50	MMC 50-1089 Red EM Slab-50	1.32	1	MB-20640 RED	0.8	E-15111 RED
PR(BLEND)	FK	60	MMC 55-1178 Red FK Slab-60	2.55				

COLOR CONCENTRATES

Violet

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PV19(B)	SBR	30	MMC 00-1090 Violet SB Slab-30	1.40	1	24MB03 VIOLET		
PV19(Y)	DRY	100	MMC 00-1205 Violet DRY PWD-100	1.65	1	DC-660 Red		
PV19(Y)	SBR	40	MMC 00-1123 Violet SB Slab-40	1.25	1	MB-16411 RED	1	E-4686 Red EPMB (HP)
PV23	DRY	100	MMC 00-1197 Violet DRY PWD-100	1.50	1	DC-145 Violet		
PV23	EPDM	15	MMC 00-1207 Violet EM Slab-15	1.18	1	24EP02 VIOLET	1.2	E-1006 Violet EPMB
PV23	SBR	15	MMC 00-1125 Violet SB Slab-15	1.36	1	24MB02 VIOLET	1	610 Violet MB
							1	E-553 Violet MB

White

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PW6	EPDM	80	MMC 24-1180 White EM Slab-80	2.35	1	MB-22369	1	E-18016 White EPMB
PW6	SBR	70	MMC 24-1157 White SB Slab-70	2.06	1	10MB03 White		
PW6	SBR	65	MMC 24-1148 White SB Slab-65	1.90	1	MB-30921 White Slab-65		
PW6	NBR	80	MMC 24-1068 White NB Slab-80	2.50	1	MB-29841 WHITE		

Yellow

Pigment	Binder	Activity	HEXPOL Product	SG*	Ratio	Stan-Tone® Product	Ratio	Akrochem®
PY12	DRY	100	MMC 70-1105 Yellow DRY PWD-100	1.50	1	DC-4455 YELLOW		
PY12	EPDM	50	MMC 70-1031 Yellow EM Slab-50	1.08		12EP09 YELLOW	0.8	880 EP Yellow
					0.5	MB-5701 Yellow	0.5	E-7444 Yellow EPMB
PY12	EPR	50	MMC 70-1079 Yellow EP Slab-50	1.18	1	MB-6520 YELLOW		
PY12	SBR	50	MMC 70-1033 Yellow SB Slab-50	1.15	1	12MB09 YELLOW	0.8	880 Yellow
PY13	DRY	100	MMC 70-1112 Yellow DRY PWD-100	1.40	1	D-1102 YELLOW		
PY13	EP	50	MMC 70-1073 Yellow EM Slab-50	1.07	1	MB-8613 YELLOW	0.8	802 Yellow EPMB
PY13	SBR	30	MMC 70-1088 Yellow SB Slab-30	1.04	1	12MB10 YELLOW		
PY14	DRY	100	MMC 70-1111 Yellow DRY PWD-100	1.44	1	D-1100 YELLOW		
PY14	EPDM	50	MMC 70-1104 Yellow EM Slab-50	1.12	1	12EP01 YELLOW	1	2555 YELLOW EPMB
PY14	EPDM	50	MMC 70-1050 Yellow EM Slab-50	1.08	1	MB-5371 YELLOW	0.9	E-6724 Yellow EPMB
					0.9	MB-11779 Yellow		
PY14	SBR	50	MMC 70-1032 Yellow SB Slab-50	1.16	1	12MB01 YELLOW	1	2555 YELLOW
				1.16	0.9	CMS 205 Yellow		
PY14	SBR	50	MMC 70-1119 Yellow SB Cube-50	1.16	1	12MC01 YELLOW		
PY151	DRY	100	MMC 70-1201 Yellow DRY PWD-100	1.57	1	DC-424 Yellow		
PY151	EPDM	50	MMC 70-1181 Yellow EM Slab-50	1.22	1	MB-15869 Yellow	0.8	E-7576 Yellow EPMB
PY17	NR	50	MMC 70-1131 Yellow NR Slab-50	1.27	1	MB-30347 YELLOW		
PY17	SBR	50	MMC 70-1196 Yellow SB Slab-50	1.18	1	12MB02 YELLOW		
PY34	DRY	100	MMC 74-1150 Yellow DRY PWD-100		1	DC-466 Yellow		
PY42	DRY	100	MMC 75-1052 Yellow DRY PWD-100	4.06	1	D-8100 YELLOW		
PY42	EPDM	65	MMC 75-1044 Yellow EM Slab-65	1.78	1	81EP01 YELLOW	1	E-7052 Yellow EPMB
PY42	EPR	60	MMC 75-1076 Yellow EP Slab-60	1.65	1	MB-12054 YELLOW		
PY42	NBR	45	MMC 75-1135 Yellow NB Slab-45	1.68	1	MB-18785 YELLOW		
PY42	SBR	65	MMC 75-1103 Yellow SB Slab-65	1.99	1	81MB01 YELLOW	1	E-7052 YELLOW
				1.99	1	81MB01 YELLOW	1	E-7105 Yellow MB
PY83	DRY	100	MMC 70-1170 Yellow DRY PWD-100	1.43	1	DC-401 Yellow		
PY83	SBR	50	MMC 70-1206 Yellow SB Slab-50	1.23	1	12MB03 Yellow		
PY93	DRY	100	MMC 70-1191 Yellow DRY PWD-100	1.45				
PY109	EPDM	50	MMC 70-1204 Yellow EM Slab-65	1.30	1	MB-24995 Yellow		
PY110	EPR	50	MMC 70-1152 Yellow EP Slab-50	1.20	1	MB-15870 Yellow	1	E-7420 Yellow EPMB



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Acc 832 (BA)	BA	reaction product of butyraldehyde and aniline-CAS #4275-07-4	Accelerator	Call
ANTIMONY (Sb2O3)		antimony oxide (trioxide) CAS #1309-64-4	Flame Retardant	13
ATH		alumina trihydrate-CAS #21645-51-2	Flame Retardant	13
AZ (ADC)	ADC	azodicarbonamide-CAS #123-77-3	Blowing Agents	11
BiDMC (Bismate)		Bismuth dimethyldithiocarbamate CAS #21260-46-8	Inorganic Activators & Stabilizers	14
CaO		calcium oxide-CAS #1305-78-8	Desiccant	12
Caytur 4		partial complex of zinc chloride and MBTS	Accelerator	Call
CBS	CBS	N-cyclohexyl-2-benzothiazolesulfenamide-CAS #95-33-0	Accelerator	9
CDMC	CuDMC	Copper dimethyldithiocarbamate CAS #137-29-1	Accelerator	9
CTP (PVI)		N-cyclohexylthio) phthalimide-CAS #17796-82-6	Retarder	15
DETU	DETU	1,3-diethylthiourea-CAS #105-55-5	Accelerator	9
DOTG	DOTG	di-ortho-tolylguanidine-CAS #97-39-2	Accelerator	9
DPG	DPG	diphenylguanidine - CAS #102-6-7	Accelerator	9
DPTT (DPTH)	DPTH	dipentamethylenethiuram hexasulfide - CAS #971-15-3	Accelerator	9
DPTU	DPTU	N,N'-diphenylthiourea-CAS #102-08-9	Accelerator	9
DTDM	DTDM	4,4'-dithiodimorpholine (morpholinedisulphide) - CAS #03-34-4	Vulcanizing Agent	16
Durazone 37		2,4,6-Tris-(N-1,4-dimethylpentyl-p-phenylenediamino)-1,3,5-triazine CAS #121246-28-4	Antidegradant	Call
ECHO		thiadiazole curative-CAS #15988-14-8	Vulcanizing Agent	16
ETU	ETU	ethylene thiourea - CAS #96-45-7	Accelerator	Call
HMDc (DIAK #1)		hexamethylene diamine carbamate CAS #143-06-6	Accelerator	9
HMT	HMT	hexamethylenetetramine - CAS #100-97-0	Miscellaneous	15
HVA-2 (mPBM)		N,N'-m-phenylenedimaleimide CAS #3006-93-7	Coagent	11,16
Imidazole		4-Methylimidazole CAS #822-36-6	Miscellaneous	15
INSOLUBLE SULFUR		insoluble sulfur-CAS #9035-97-8	Vulcanizing Agent	16
MBSS		4-morpholinyl-2-benzothiazole-CAS #95-32-9	Accelerator	9
MBT	MBT	2-mercaptobenzothiazole - CAS #149-30-4	Accelerator	9
MBTS	MBTS	benzothiazyl disulfide - CAS #120-78-5	Accelerator	9
MET		blend of tetramethylthiuram disulfide-CAS #137-26-8 and tetraethylthiuram disulfide-CAS #97-77-8	Accelerator	9

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MMBI		2-Mercaptomethylbenzimidazole CAS #53988-10-6	Accelerator	9
MoS2		molybdenum(IV) sulfide CAS #1317-33-5	Miscellaneous	15
NBC (NIDBC)	NBC	nickel dibutyldithiocarbamate - CAS #13927-77-0	Antidegradant	11
OBTS (MBS)	MBS	2(morpholinthio)-benzothiazole-CAS #102-77-2	Accelerator	10
RED LEAD		red lead oxide - CAS #1314-41-5	Inorganic Activators & Stabilizers	14
Red Lead (Pb3O4)		red lead oxide - CAS #1314-41-5	Inorganic Activators & Stabilizers	14
RESORCINOL/STEARIC ACID		blend of Resorcino-CAS #108-46-3 and Stearic Acid-CAS #57-11-4	Miscellaneous	15
SULFUR		sulfur (rubber grade) - CAS #7704-34-9	Vulcanizing Agent	16
Sb2O3		antimony oxide (trioxide) CAS #1309-64-4	Flame Retardant	13
TAIC		triallyl isocyanurate CAS #1025-15-6	DLP	12/13
TBAB		tetra-N-butyl ammonium bromide - CAS #1643-19-2	Vulcanizing Agent	16
TBBS	TBBS	N-tert-butyl-2-benzothiazolesulfenamide - CAS #95-31-8	Accelerator	10
TBSi		N-t-butyl-2-benzothiazolesulfenimide-CAS #3741-80-8	Accelerator	10
TCP - Lindol		Tricresyl Phosphate CAS #1330785	Flame Retardant	13
TDEC (TeDEC)	TeDEC	tellurium diethyldithiocarbamate - CAS #20941-65-5	Accelerator	10
TETD	TETD	tetraethylthiuram disulfide - CAS #97-77-8	Accelerator	10
TMQ		2,2,4-trimethyl-1,2-dihydroquinoline CAS #26780-96-1	Antidegradant	Call
TMTD	TMTD	tetramethylthiuram disulfide - CAS #137-26-8	Accelerator	10
TMTM	TMTM	tetramethylthiuram monosulfide - CAS #97-74-5	Accelerator	10
TMTU		Trimethylthiourea CAS #2489-77-2	Accelerator	10
UREA		urea-CAS #57-13-6	Blowing Agents	11
Wingstay 100		Mixed diaryl p-phenylenediamine CAS #68478-45-5	Antidegradant	11
ZB		zinc borate-CAS #1332-07-6	Flame Retardant	13
ZBEC (ZnDBzC)	ZDBeC	zinc dibenzylidithiocarbamate - CAS #14726-36-4	Accelerator	10
ZBPD (ZnDBT)		zinc dibutyl dithiophosphate, liquid CAS #6990-43-8	Accelerator	10
ZDBC (ZnDBC)	ZBDC	zinc dibutyldithiocarbamate CAS #136-23-2	Accelerator	10
ZDEC (ZnDEC)	ZEDC	zinc diethyldithiocarbamate-CAS #14324-55-1	Accelerator	10
ZDMC (ZnDMC)	ZMDC	zinc dimethyldithiocarbamate CAS #137-30-4	Accelerator	10
ZMBT (ZnMBT)	ZMBT	zinc-2-mercaptobenzothiazole CAS #155-4-4	Accelerator	10
ZnO		zinc oxide - CAS #1314-13-2	Inorganic Activators & Stabilizers	14

