



HEXPOL Compounding Rubber - NA

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Burton, Ohio
Middlefield, Ohio



PART OF
HEXPOL Group

A LEADING ADVANCED
POLYMER GROUP

Rubber
Compounding

TPE
Compounding

Thermoplastic
Compounding

Rubber
Gaskets
& Seals

Polyurethane,
Rubber &
Thermoplastic
Wheels

SALES 2019
15 508 MSEK
(1 639 MUSD)



HEXPOL Compounding Rubber

HEXPOL Burton



HEXPOL Middlefield



HEXPOL Burton

- 55,000 tpa capacity (121M Lbs.)
- 199,000 sq. ft. facility
- 190 associates
- 3 shifts / 6 days a week
- ISO 9001: 2015 and ISO 14001:2015
- Black and color rubber compounds
- In-line extruder: 12" up to 100 mesh screen, dicer
- Off-line gear pump straining and preforms

HEXPOL Middlefield

- 40,000 tpa capacity (88M Lbs.)
- 162,000 sq. ft. facility
- 186 assocaites
- 3 shifts / 6 days a week
- ISO 9001: 2015 and ISO 14001:2015
- Black and color rubber compounds
- In-line extruders: 10" and 12" up to 100 mesh screen
- In-line pelletization: 1/8", 3/16", and 1/4" pellets

Mixing Capabilities

HEXPOL Burton

Line	Liter	Avg. Batch	Style	Rotors	Type
03	258L	≈ 450 lbs.	Shaw K6A	Intermesh NR5	Black
04	305L	≈ 550 lbs.	Farrel F305	Tangential NST	Black
05	258L	≈ 450 lbs.	Shaw K6A	Intermesh NR5	Black
08	75L	≈ 150 lbs.	Kneader Tilt	Tangential	Black
09	75L	≈ 150 lbs.	Kneader Tilt	Tangential	Color

HEXPOL Middlefield

Line	Liter	Avg. Batch	Style	Rotors	Type
1	257L	≈ 450 lbs.	Krupp GK250E	Intermesh PES5	Color
2	257L	≈ 450 lbs.	Krupp GK250E	Intermesh PES5	Black
3	257L	≈ 450 lbs.	Krupp GK250E	Intermesh PES5	Black
7	45L	≈ 100 lbs.	Krupp GK250E	Intermesh PES5	Color

Capabilities, Strengths & Differentiators

HEXPOL Burton

- **Polymers:** EPDM, NR, SBR, NBR, HNBR, ACM, FKM, AEM, IIR, and CR
- **Polymers:** Specializing in speciality polymers (HNBR, FKM), high density polyethylene
- **Polymers:** Specialized PE (polyethylene) wire application using heated mill and dicing
- **Process Control System:** SPECTRUM® / PRISM®
- **Forms:** Continous strips, slabs, preps, pelletizing
 - (open skids, cardboard boxes, returnable containers)
- TCU temperature-controlled cooling on mixer and mills with mill heating to 250F
- Full traceability of raw materials by lot number and process conditions to each batch produced
- Mistake proofing: RFID/bar code scanning, Spectrum commands and operator acknowledgments
- In-line metal detection and compound packaging temperature sensors on all lines
- Quality laboratory:
 - ODRs, MDRs, PPAs, Mooney, Tensiometer, Brabender, Durometer, Spec. Gravity, Lab presses
- On site Development Chemists, Process Chemist and Field Service Technicians
- 3 lb. lab mixer for black mixing and 3 lb. lab mixer for color mixing
- ISO/IEC 17025:2017 – A2LA Laboratory Accreditation
- Full capability analytical labratory (TGA, FTIR, DSC, IFM, Optical Micoscope, Competitive Analysis)

HEXPOL Middlefield

- **Polymers:** NR, EPDM, SBR, NBR, HNBR, ACM, FKM, AEM, IIR and CR
- **Polymers:** Specializing in speciality polymers (HNBR, FKM)
- **Polymers:** Specializing in fiber incorporated compounds
 - Aramid fiber(Kevlar, Twaron, Roytuff), Cotton fiber (Cotton Flock), Cellulose fiber(Santoweb) Nylon fiber
- **Process Control System:** SPECTRUM® / PRISM®
- **Forms:** Continous strips, slabs, preps, pelletizing
 - (open skids, cardboard boxes, returnable containers)
- TCU temperature-controlled cooling on mixer and mills with mill heating to 250F
- Full traceability of raw materials by lot number and process conditions to each batch produced
- Mistake proofing: RFID/bar code scanning, Spectrum commands and operator acknowledgments
- In-line metal detection and compound packaging temperature sensors on all lines
- Quality laboratory:
 - ODRs, MDRs, RPAs, Mooney, Tensiometer, Brabender, Durometer, Spec. Gravity, Lab presses
- On-site Development Chemists, Process Chemist and Field Service Technicians
- 3 lb. lab mixer for black and color mixing
- Development laboratory with heat age ovens, oil immersion, ozone etc.
- Analytical labatory (TGA, FTIR)

Range of Products & Applications

- Automotive Industry
- Agriculture
- Heavy Equipment
- Building & Construction
- Energy & Oil
- Water Treatment
- Wire & Cable
- High Performance Tires
- Critical Seal Applications
- Roll Coverings
- Specialty Products
- Aerospace
- Pharmaceutical & Medical
- Industrial (Belts, Gaskets, Hoses, Rail Seals, Tank Linings)
- Consumer (Home Appliances, Footwear)

For Further Details

www.hexpol.com/rubbber

Sales

Marc Pignataro, Director of Sales – North

Email: Marc.Pignataro@hexpol.com

Phone: 440.391.4318



Technical

Randy Niedermier, Technical Director NA

Email: Randy.Niedermier@hexpol.com

Phone: 330.414.1921