

INDUSTRIAL POLYMERS

Industrial polymers are being used in heavy industry with increased frequency. Finished fabricated parts made from polymers are saving customers time and money. Minimizing friction, wear, reduction of noise, reduction of weight, energy absorption and withstanding extreme heat are all unique benefits and advantages of using plastics.

North American Steel Company offers a variety of industrial polymers for a wide range of maintenance applications. Please contact your local sales representative or our offices for further details.

Engineering Plastics - Plastic material for bearings, bushings, guides, gears, sprockets, cams, and other various machined parts.

Corrosion Resistant Materials – Materials for chemical resistant applications, such as, pump components, housings, and liners.

High Performance Engineering Plastics – Materials engineered for high performance, chemical resistance, extreme operating temperatures and good dielectric properties.

Fluoropolymer Materials – Polymers for gaskets, seals, valves, mechanical parts, and food processing components.

The following is a brief list of common materials that can be found in industrial applications. Please contact our Cleveland office for details on these types of materials.

Acetal	Polyamide	PET	Phenolics	ABS	Laminates
UHMW	PBT	Nylon	Polyurethane	Acrylic	Polystyrene
PVC	CPVC	HDPE	Polyethylene	PVDF	Polypropylene

PLASTIC FABRICATION & MACHINING

North American Steel Company is capable of providing a complete O.E.M. replacement product that is ready for immediate installation to minimize downtime and increase productivity. Our capabilities include the latest version of AUTOCAD and Blue Print services. For details, please contact your local area sales representative or call our office.

We will gladly review your sketches, prints, worn or new parts, and offer our technical opinion at no charge. In doing so this company assumes no liability nor implies any guarantee for this complimentary service. Our services are limited to working with various materials that are featured in this technical data book. We adhere to all quality practices within our ISO guidelines and do reserve the right to decline quotation or fabrication at our discretion.

Processing Available

- ▶ MILLING
- ▶ CHAMFERING
- ▶ COUNTER-BORING
- ▶ COUNTER-SINKING
- ▶ DRILLING
- ▶ FACING TO LENGTH
- ▶ SAW CUTTING
- ▶ GRINDING
- ▶ PLANING