



SHORE D POLYURETHANES

"Dedicated to QUALITY, SERVICE, SAFETY and INNOVATION"

TC-8740 A/B HIGH PERFORMANCE 40 SHORE D POLYURETHANE ELASTOMER

PRODUCT HIGHLIGHTS:

- Exceptional abrasion and impact resistant
- SAFE - Contains no TDI, MDI, MDA or MOCA
- Easy to handle
- Room temperature mixing and curing

PRODUCT DESCRIPTION:

TC-8740 A/B is a two-component urethane casting compound that is specifically formulated for high abrasion and impact resistance. It is recommended for use for the production casting of highly wear-resistant parts and linings. This product is a safe, easy-to-handle, room temperature mixing and curing system that does not contain TDI, MDI, MDA, or MOCA. TC-8740 A/B is relatively insensitive to typical environmental moisture and will make good void-free parts without the problems that some conventional urethane systems exhibit. Because of this product's exceptional toughness and abrasion resistance, castings made with TC-8740 A/B are particularly suitable for mining and mineral process industries.

TYPICAL PRODUCT USES:

- ◆ Abrasion-resistant parts and lining
- ◆ Foundry patterns and core box liners
- ◆ Roller facings and casters
- ◆ Potting and encapsulation
- ◆ Cutting table tops
- ◆ Metal-forming die facings
- ◆ Troughs, chutes and other equipment contacting any abrasive materials
- ◆ Machinery base pads and gears

PHYSICAL PROPERTIES:

Hardness, Shore D ASTM D-2240	40 ± 2
Specific Gravity, (g/cc) cured ASTM D-792	1.09
Cubic Inches Per Pound.....	28
Color/Appearance	Amber/Transparent
Tensile Strength, (psi) ASTM D-412	2,200
Elongation, (%) ASTM D-412	550
Tear Strength, (pli) ASTM D-624.....	540
Shrinkage, (in./in.) linear ASTM D-2566	0.003



Quality Management System Registered to ISO 9001:2001