



SHORE D POLYURETHANES

"Dedicated to *QUALITY, SERVICE, SAFETY, and INNOVATION*"

TC-8750 A/B

CASTABLE HIGH PERFORMANCE 50 SHORE D POLYURETHANE ELASTOMER

PRODUCT DESCRIPTION:

TC-8750 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-8750 is relatively insensitive to typical environmental moisture and will make good void-free parts without the problems that some conventional urethane systems exhibit. The low viscosity and simple mix ratio assure uniform and easy mixing. Because of this product's exceptional toughness and abrasion resistance, castings made with TC-8750 A/B are particularly suitable for mining and mineral process industries.

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
- Or, other applications requiring a high abrasion and impact resistance casting compound

CURED PROPERTIES:

Hardness, Shore D	50±2
Specific Gravity (gm/cc) Density	1.13
Cu. in per pound	23.5
Color	Amber
Tensile Strength (psi)	3,000
Tear Strength (pli)	600
Elongation (%)	450
Shrinkage002