



## ELASTOMER 50A

### Product Highlights:

- Exceptional abrasion and impact resistant
- Contains no TDI, MDI, MDA, OR MOCA
- Easy to handle
- Easily tinted to any color
- Room temperature mixing and curing
- Short demold times allows for production parts

### Product Description:

F-90 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. F-90 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 F-90 A/B are particularly suitable for the mineral process and metal forming industries.

### Physical Properties

Hardness, Shore A ASTM D-2240 .....	90 ± 5
Specific Gravity, (g/cc) cured ASTM D-792 .....	1.08
Cubic Inches per Pound .....	25.6
Color / Appearance .....	Tan / Opaque
Tensile Strength, (psi) ASTM D-412 .....	3,000
Elongation, (%) ASTM D-412 .....	440
Tear Strength, (pli) ASTM D-624 .....	330
Shrinkage, (in/in) linear ASTM D-2566 .....	0.007

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