



## ABS LIKE 80D GLASS FILLED

### Product Highlights:

- Non-mercury
- Convenient mixing ratio: 1 to 1 parts by weight
- Low viscosity, flows easily
- Demold time: 3-4 hours at ambient temperature in a silicone rubber mold (1/8" thick section)

### Product Description:

TC-891 A/B incorporates a non-mercury based catalyst system that produces a tough 80 shore D material with a 12-minute work time. This system can be used to hand pour large electronic housing, models of all kinds, and point of purchase items. This system is also available in a 20-minute work time (TC-892), and a 5-minute work time (TC-890).

### Physical Properties

Hardness, Shore D ASTM D 2240.....	80 ± 2
Density, (g/cc) ASTM D 792.....	1.14
Cubic Inches per Pound.....	25
Color/Appearance.....	White/Opaque
Tensile Strength, (psi) ASTM D 638.....	7,600
Tensile Modulus, (psi) ASTM D 638.....	2.4 x 10 <sup>5</sup>
Elongation, (%) ASTM D 638.....	10
Flexural Strength, (psi) ASTM D 790.....	10,000
Flexural Modulus, (psi) ASTM D 790.....	2.5 x 10 <sup>5</sup>
Shrinkage, (in./in.) linear 12" x 1/2" x 1/2".....	0.003
Izod Impact, notched (ft.-lb./in.) ASTM D 256.....	0.7
Heat Deflection Temperature (@ 66 psi) ASTM D 648.....	195°F (91°C)
(@ 264 psi) ASTM D 648.....	177°F (81°C)

(Note: Reported physical properties based on elevated temperature cured test specimens.)

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