



## 12 SEC BURN 78D

### Product Highlights:

- Non-mercury based catalyst system
- Excellent for vacuum or pressure casting
- Odorless, clean white color
- Low viscosity
- Three to four hour demold time
- UL 94 V0 Flammability Rating at 0.125" thickness

### Product Description:

TC-886 A/B FR produces a high impact rigid 78 Shore D material that is commonly used to make computer housings, models of all kinds, artwork, and can also be used for electronic component enclosures. It provides a working time of 15 minutes.

### Physical Properties

Hardness, Shore D ASTM D 2240.....	78 ± 2
Density, (g/cc) ASTM D 792.....	1.26
Cubic Inches per Pound.....	22.6
Color/Appearance.....	White/Opaque
Tensile Strength, (psi) ASTM D 638.....	6,100
Tensile Modulus, (psi) ASTM D 638.....	2.3 x 10 <sup>5</sup>
Elongation, (%) ASTM D 638.....	5
Flexural Strength, (psi) ASTM D 790.....	8,600
Flexural Modulus, (psi) ASTM D 790.....	2.3 x 10 <sup>5</sup>
Shrinkage, (in./in.) linear 12" x 1/2" x 1/2".....	0.005
Izod Impact, notched (ft.-lb./in.) ASTM D 256.....	0.62
Heat Deflection Temperature (@ 66 psi) ASTM D 648.....	195° ± 5°F (91° ± 3°C)
(@ 264 psi) ASTM D 648.....	180° ± 5°F (82° ± 3°C)

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

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