



**Product Highlights:**

- Exceptional clarity
- Good exterior weatherability, non-yellowing, light stable product
- Impact resistant
- No odor
- UV light and oxidation resistance

**Product Description:**

WC-783 A/B is an impact resistant, rigid, 82 Shore D material that is commonly used to make clear or tinted castings. It is used at room temperature, castings 1/8" thick or larger can be readily cast. Castings that are less than 1/8" thick generally require a mild post-cure.

**Physical Properties**

Hardness, Shore D ASTM D 2240.....	82 ± 2
Density, (g/cc) ASTM D 792.....	1.05
Cubic Inches per Pound.....	26.4
Color/Appearance.....	Slight Color/Clear
Tensile Strength, (psi) ASTM D 638.....	6,650
Tensile Modulus, (psi) ASTM D 638.....	2.6 x 10 <sup>5</sup>
Elongation, (%) ASTM D 638.....	65
Flexural Strength, (psi) ASTM D 790.....	11,000
Flexural Modulus, (psi) ASTM D 790.....	3.2 x 10 <sup>5</sup>
Shrinkage, (in./in.) linear (12" x 1/2" x 1/2")	
5 minute work time.....	0.002
15 minute work time.....	0.002
30 minute work time.....	0.002
Izod Impact, notched (ft.-lb./in.) ASTM D 256.....	1.0
Heat Deflection Temperature (@ 66 psi) ASTM D 648.....	158°F (70°C)
Compressive Strength, (psi) ASTM D 695.....	8,350
Compressive Modulus, (psi) ASTM D 695.....	3.5 x 10 <sup>5</sup>
Coefficient of Thermal Expansion, -4° to 266°F (-20° to 130°C).....	9 x 10 <sup>-5</sup>

**LEXAN LIKE UV 82D**

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