

Cast Urethane WC-788

Features & Benefits

- 84 Shore D
- Water Clear
- Impact Resistant
- Excellent Heat Resistance
- Easily Tinted or Painted

MECHANICAL PROPERTIES ¹	TEST METHOD	IMPERIAL
Density	ASTM D792	1.1 g/cc
Tensile Strength	ASTM D638	8,300 psi
Tensile Modulus	ASTM D638	2.7 x 10 ⁵ psi
Elongation	ASTM D638	20 psi
Flexural Strength	ASTM D790	11,200 psi
Flexural Modulus	ASTM D790	3.0 x 10 ⁵ psi
Shrinkage (linear 12'x1/2"x1/2")		0.006 in/in
Izod Impact, notched	ASTM D256	1.1 ft-lb/in
Heat Deflection Temperature (@66 psi)	ASTM D648	175°F (79°C)
Index of Refraction	ASTM D542	1.49

The information presented are typical values intended for reference and comparison purposes only. They should not be used for design specifications or quality control purposes. End-use material performance can be impacted (+/-) by, but not limited to, part design, end-use conditions, test conditions, etc. Actual values will vary with build conditions. Tested parts were built on FDM 400mc @ 0.10" (0.254 mm) slice. Product specifications are subject to change without notice.

¹ Build orientation is on side long edge ² Due to amorphous nature, material does not display a melting point ³ Literature value unless otherwise noted