



U0080DC-L

URETHANE CASTING MATERIAL SPECIFICATIONS

Highlights

- Water clear
- Tintable
- Excellent impact strength
- Good weatherability

Applications

- Larger parts
- Complex geometries

TYPICAL PHYSICAL PROPERTIES

MECHANICAL PROPERTIES	TEST METHOD	ENGLISH	METRIC
Color/Appearance	Visual	Clear	Clear
Density	ASTM D792	0.0397 lb/in ³	1.10 g/cc
Elongation at Break	ASTM D638	20%	20%
Flexural Modulus	ASTM D790	300,000 psi	2,068 MPa
Flexural Strength	ASTM D790	11,200 psi	77 MPa
Heat Deflection Temperature @ 66 psi	ASTM D648	175°F	79°C
Izod Impact Strength (method A, notched)	ASTM D256	1.10 ft-lb/in	58 J/m
Shore D Hardness	ASTM D2240	84 D	84 D
Tensile Modulus	ASTM D638	270,000 psi	1,860 MPa
Tensile Strength	ASTM D638	8,300 psi	57 MPa

The information presented represents typical values intended for reference and comparison purposes only. It 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, color etc. Actual values will vary with build conditions. Product specifications are subject to change without notice.

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