

Clear

Urethane casting material specifications

Technical Data

Measurement	Condition	
Color/Appearance	Visual	Clear
Density, (g/cc)	ASTM D792	1.10
Hardness, Shore D	ASTM D2240	80 ± 5
Tensile Strength, (psi)	ASTM D638	10,500
Tensile Modulus, (psi)	ASTM D638	265,000
Elongation, (%)	ASTM D638	8
Flexural Strength, (psi)	ASTM D790	16,000
Flexural Modulus, (psi)	ASTM D790	345,000
Izod Impact, notched (ft-lb/in)	ASTM D256	1.1
Heat Deflection Temperature @ 66 psi	ASTM D648	203°F (95°C)
Heat Deflection Temperature @ 264 psi	ASTM D648	196°F (91°C)

The above values are meant to represent typical properties and should be used for reference and comparison purposes only. Final part properties and end use performance may not reflect published data due to variables such as part design and complexity, operating and/or test condition environment, application, color, etc. The customer and/or end user is responsible for verifying the material is safe, lawful, and technically suitable for the intended application and assumes all associated risks and liability.

Features

- Water-clear Shore D polyurethane featuring excellent buffing and polishing characteristics.
- Perfect for automotive lenses and light pipes, housings for fluid testing equipment, amusement park props, artistic jewelry, medical teaching aids, and dental models.



www.Quickparts.com

Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, or with end use. Quickparts makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.