

ABS-Like

Urethane casting material specifications

Technical Data

Measurement	Condition	
Color/Appearance	Visual	White/Opaque
Density, (g/cc)	ASTM D792	1.14
Hardness, Shore D	ASTM D2240	80 ± 2
Tensile Strength, (psi)	ASTM D638	7,600
Tensile Modulus, (psi)	ASTM D638	2.4 x10 ⁵
Elongation, (%)	ASTM D638	10
Flexural Strength, (psi)	ASTM D790	10,000
Flexural Modulus, (psi)	ASTM D790	2.5 x 10 ⁵
Izod Impact, notched (ft-lb/in)	ASTM D256	0.7
Heat Deflection Temperature @ 66 psi	ASTM D648	195°F (91°C)
Heat Deflection Temperature @ 264 psi	ASTM D648	177°F (81°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

- Non-mercury based tough 80 shore D material.
- Applications include electronic housings, models of all kinds, and point of purchase item prototypes and well as low volume production parts.



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