



# RC-79D

## URETHANE CASTING MATERIAL SPECIFICATIONS

### Highlights

- MR Transparent
- Tough, impact resistant material with excellent physical properties
- UL 94-V0 flame rated

### Applications

- Many medical applications including MRI coil housings
- Products requiring UL 94V-0 flammability rating

### TYPICAL PHYSICAL PROPERTIES

MECHANICAL PROPERTIES	TEST METHOD	ENGLISH	METRIC
<a href="#">Color/Appearance</a>	Visual	Off White/Amber	Off White/Amber
<a href="#">Shore D Hardness</a>	ASTM D2240	85 ±5	85 ±5
<a href="#">Tensile Strength</a>	ASTM D638	5,200 psi	36 MPa
<a href="#">Elongation at Break</a>	ASTM D638	5%	5%
<a href="#">Ultimate Flex Strength</a>	ASTM D790	10,500 psi	72 MPa
<a href="#">Flexural Modulus</a>	ASTM D790	325,000 psi	2,241 MPa
<a href="#">Izod Impact Strength (method A, Notched)</a>	ASTM D256	0.6 ft-lb/in	23 J/m
<a href="#">Heat Deflection Temperature @ 66 psi</a>	ASTM D648	207°F	97°C
<a href="#">Heat Deflection Temperature @ 264 psi</a>	ASTM D648	1897°F	87°C

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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