



# E1005AL

## URETHANE CASTING MATERIAL SPECIFICATIONS

### Highlights

- General purpose very soft rubber
- Easy to pigment
- RoHS/REACH Compliant
- High tensile & tear strength

### Applications

- Special effects and props
- Medical training models

### TYPICAL PHYSICAL PROPERTIES

MECHANICAL PROPERTIES	TEST METHOD	ENGLISH	METRIC
<b>Color/Appearance</b>	Visual	Translucent Pale Amber	Translucent Pale Amber
<b>Density</b>	ASTM D792	0.0365 lb/in <sup>3</sup>	1.01 g/cc
<b>Elongation</b>	ASTM D412	1400%	1400%
<b>Shore A Hardness</b>	ASTM D2240	5 A ± 4	5 A ± 4
<b>Tear Strength</b>	ASTM D624	40 pli	7,000 N/m
<b>Tensile Strength</b>	ASTM D412	440 psi	3.03 MPa
<b>Tensile Modulus</b>	ASTM D412	70 psi	0.48 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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