



E1050AL

URETHANE CASTING MATERIAL SPECIFICATIONS

Highlights

- General purpose rubber
- RoHS/REACH Compliant

Applications

- Part production, potting, molds, pigmenting
- Special effects and props

TYPICAL PHYSICAL PROPERTIES

MECHANICAL PROPERTIES	TEST METHOD	ENGLISH	METRIC
Color/Appearance	Visual	Translucent Amber	Translucent Amber
Density	ASTM D792	0.0383 lb/in ³	1.06 g/cc
Elongation	ASTM D412	718%	718%
Shore A Hardness	ASTM D2240	50 A ± 5	50 A ± 5
Tear Strength	ASTM D624	107 pli	18,739 N/m
Tensile Strength	ASTM D412	944 psi	6.5 MPa
Tensile Modulus	ASTM D412	249 psi	1.72 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.

The performance characteristics of these materials may vary according to application, operating conditions, or end use. Each user is responsible for determining that the material is safe, lawful, and technically suitable for the intended application. Stratasys makes no warranties of any kind, express or implied, including, but not limited to, the warranties of merchantability, fitness for a particular use, or warranty against patent infringement.