



E1095AB

URETHANE CASTING MATERIAL SPECIFICATIONS

Highlights

- Hard general purpose rubber
- Very good tear resistance
- Good abrasive resistance
- RoHS/REACH Compliant

Applications

- Rollers
- Bumpers

TYPICAL PHYSICAL PROPERTIES

MECHANICAL PROPERTIES	TEST METHOD	ENGLISH	METRIC
Color/Appearance	Visual	Amber	Amber
Density	ASTM D792	0.0401 lb/in ³	1.11 g/cc
Elongation	ASTM D412	595%	595%
Shore A Hardness	ASTM D2240	95 A ± 5	95 A ± 5
Tear Strength	ASTM D624	433 pli	75,830 N/m
Tensile Strength	ASTM D412	4,189 psi	28.88 MPa
Tensile Modulus	ASTM D412	4,824 psi	33.26 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.