

## CAST URETHANE MATERIAL SPECIFICATIONS

### E1025AL

#### Highlights

- General purpose rubber

#### Applications

- Over molds
- Impact absorbing pads or linings

#### TYPICAL PHYSICAL PROPERTIES

Property	Test Method	English	Metric
Color/Appearance	Visual	Yellow	Yellow
Compressive Strength	ASTM D695	36 psi	0.25 MPa
Density	ASTM D792	0.0372 lb/in <sup>3</sup>	1.03 gm/cc
Elongation	ASTM D412	1,100 %	1,100 %
Shore A Hardness	ASTM D2240	25 A	25 A
Tear Strength	ASTM D624	45 pli	7,881 N/m
Tensile Modulus	ASTM D638	52 psi	0.36 MPa
Tensile Strength	ASTM D412	345 psi	2.38 MPa

Custom formulations, fillers such as Teflon and Aluminum powder, and additional post curing techniques may be used to enhance urethane material properties. For further information on additives and custom formulations, please contact your Solid Concepts Project Engineer. The material properties provided herein are for reference purposes only. Actual values may vary significantly as they are dramatically affected by part geometry and color pigmentation. Specifications are subject to change with out notice.