

CAST URETHANE MATERIAL SPECIFICATIONS

E1030AL

Highlights

- General purpose rubber

Applications

- Over molds
- Key pads

TYPICAL PHYSICAL PROPERTIES

Property	Test Method	English	Metric
Color/Appearance	Visual	Translucent amber	Translucent amber
Density	ASTM D792	0.0383 lb/in ³	1.06 gm/cc
Elongation	ASTM D412	950 %	950 %
Shore A Hardness	ASTM D2240	30 A	30 A
Tear Strength	ASTM D624	85 pli	14,900 N/m
Tensile Strength	ASTM D412	675 psi	4.65 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.