



HobbyCast 110

Urethane Casting Resin

Description

HobbyCast 110 is a tan-colored urethane elastomer that fills the need for a slower setting, economical, and rigid duplicating plastic. Featuring a 1:1 mix ratio by weight or volume, this product is well suited for creating models and prototypes. This material offers a very low viscosity for creating thin-wall parts.

Physical Properties

Color (when mixed)	Tan
Mix Ratio (by wt., Resin to Hardener, A to B)	1:1
Mix Ratio (by volume, Resin to Hardener, A to B)	1:1
Mixed Viscosity (cps)	80
Gel Time (min. @ 72°F.)	6
Hardness (Shore D)	69
Tensile Strength (psi - ASTM D-412)	3,300
Flexural Strength (psi - ASTM D-790)	5,600
Compressive Strength (psi - ASTM D-695)	4,880
Specific Gravity	1.12
Linear Shrinkage (in./in.* - ASTM D-2566)	0.002
Volumetric Yield (cu. in./ lb.)	24.7
Demold Time (minutes)	1/2 - 2

Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
055502	HobbyCast 110	Quart Kit	2.0 lbs.

Physical and mechanical properties of tooling plastics herein reported are typical after a full cure of seven (7) days at room temperature or equivalent. Designated mix ratios must be adhered to for desired results. The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT

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