



HobbyCast 100

Urethane Casting Resin

Description

HobbyCast 100 is a very fast-curing material which may be hand mixed and poured to create parts which simulate injection molded plastic. Offers an extremely low viscosity for accurately duplicating surfaces and the ability to be demolded in 15 minutes which allows for multiple parts per day. HobbyCast 100 may be cast up to 1/2" in thickness.

Physical Properties

Color (when mixed)	Beige
Mix Ratio (by wt., Resin to Hardener, A to B)	11:10
Mix Ratio (by volume, Resin to Hardener, A to B)	1:1
Mixed Viscosity (cps)	80
Gel Time (min. @ 72°F.)	3
Hardness (Shore D)	70
Tensile Strength (psi - ASTM D-412)	3,000
Specific Gravity	1.05
Linear Shrinkage (in./in.*- ASTM D-2566)	0.004
Volumetric Yield (cu. in./ lb.)	26.6
Demold Time (minutes)	15-30

*- Actual shrinkage dependent upon mass.

Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
055500	HobbyCast 100	Quart Kit	2.1 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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