



Master[®] Dyna-Cast Fast-Cast Urethane

Description

Master[®] Dyna-Cast is used in foundry and general plastic applications for producing accurate and durable castings. This product features a 1:1 mix ratio and fast demold time with minimal shrinkage. Master Dyna-Cast is formulated with less solvents, which enables easier release, less odor, and void free closed mold castings.

Physical Properties

Color (when mixed)	Green
Mix Ratio (R:H, by weight or volume)	1:1
Viscosity (cps, mixed)	1,500
Gel Time (minutes @ 77°F)	6-7
Demold Time (minutes)	60
Hardness (Shore D)(ASTM 2240)	85
Specific Gravity (mixed)	1.9
Volumetric Yield (cu. in./lb.)(ASTM D792)	14.5
Compressive Strength (psi)(ASTM D695)	7,841
Flexural Strength (psi)(ASTM D790)	4,705
Flexural Modulus (psi)(ASTM D790)	803,333
Tensile Strength (psi)(ASTM D638)	2,663
Tensile Modulus (psi)(ASTM D638)	990,833
Izod Impact Stength (ft-lbs./in)(ASTM D256)	0.305
Linear Shrinkage (in/in ²)* (ASTM D2566)	0.001

*Actual shrinkage dependent upon mass.

Ordering Information

SKU	Description	Size	Net wt.
053600	Dyna-Cast Green Quart	Quart kit	5 lbs.
053605	Dyna-Cast Green Gallon	Gallon kit	20 lbs.

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

