



Freeman 1035 Flexible Polyurethane Elastomer

Description

Freeman 1035 is a light brown, flexible mold making urethane which is an excellent choice for duplicating parts which have undercuts or are difficult to release with a rigid material. Offers an easy to use 1:1 mix ratio with a long work time for larger pours. Freeman 1035 may be cast up to 2" in thickness

Physical Properties

Color (when mixed)	Light Brown
Mix Ratio (R:H, by weight or volume)	1:1
Viscosity (cps, mixed)	1,500
Gel Time (minutes @ 77°F.)	30
Demold Time (hours)	16
Hardness (Shore A) (ASTM 2240)	35 +/- 5
Specific Gravity, Mixed	1.02
Volumetric Yield (cu. in./ lb.) (ASTM D-792)	27.2
Tensile Strength (psi) (ASTM D-638)	450
Linear Shrinkage (in/in)* (ASTM D-2566)	.001

*Actual shrinkage dependent upon mass

Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
055129	Freeman 1035 Flexible Polyurethane Elastomer	Quart	2
055401	Freeman 1035 Flexible Polyurethane Elastomer	Gallon	16
055402	Freeman 1035 Flexible Polyurethane Elastomer	5-Gallon	80
055403	Freeman 1035 Flexible Polyurethane Elastomer	Drum	880

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