



Repro[®] Laminating Resin Fast-Cast Urethane

Description

Repro Laminating System is a low cost, fast, and very accurate alternative to traditional epoxy fiberglass tooling. This system is capable of being used as both a laminating resin as well as a surface coat when thickened with the Repro Thixo Additive. Although this tooling urethane is not designed to be used in high-temperature or high wear applications, ease of use, low exotherm and shrink even in thicker sections, and the ability to demold within 3-4 hours make the Repro Laminating Resin an ideal choice for many mold-making applications. Repro Laminating is designed to work with Fiberglass Strand. This will produce an ideal back-up material for surface coats in less time.

Physical Properties

Color (when mixed)	White
Mix Ratio (R:H, by weight or volume)	1:1
Viscosity (cps, mixed)	3,500
Gel Time (minutes @ 72°F.)	15
Demold Time (hours)	3-4
Hardness (Shore D) (ASTM 2240)	84
Specific Gravity, Mixed	1.90
Volumetric Yield (cu. in./ lb.) (ASTM D-792)	14.5

Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
053194	Repro Laminating Resin Gallon Unit	Gallon	20
054071	Fiberglass Strand 1/4" 50 lb. Box	Box	50
054073	Fiberglass Strand 1/4" 5 lb. Box	Box	5

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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