



Miapoxy 100 Clear Epoxy Laminating Resin

Description

Epoxy 100 is a clear epoxy laminating system that is specifically designed for producing strong and accurate fiberglass laminates and repairs. This product features variable gel times depending on hardener used. This product is available with convenient proportioning pumps (sold separately) for quick, accurate, and trouble free metering of the correct amount of resin and hardener.

Physical Properties

	Mia 95	Mia 97
Color (when mixed)	Clear	Clear
Mix Ratio (R:H, by wt.)	100:24	100:26
Mix Ratio (R:H by vol.)	100:25	100:25
Viscosity (cps, mixed)	800	1,120
Gel Time (min. @ 72°F)	38	20
Demold Time (hrs.)	24	24
Hardness (Shore D) (ASTM 2240)	90	90
Specific Gravity, Mixed (ASTM D-792)	1.13	1.13
Volumetric Yield (cu. in./ lb.)	24.5	24.5
Tensile Strength (psi) (ASTM D-638)	36,000	26,000
Compressive Strength (psi)	26,000	28,000
Flexural Strength (psi)	39,000	37,000
Deflection Temperature (°F)	128	128

Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
405665	Miapoxy 100 Resin	Quart	2
405615	Mia 95 Hardener	Pint	0.5
405630	Mia 97 Hardener	Pint	0.5
405660	Miapoxy 100 Resin	Gallon	8
405620	Mia 95 Hardener	Quart	2
405635	Mia 97 Hardener	Quart	2.1
405650	Miapoxy 100 Resin	5-Gallon	32
405610	Mia 95 Hardener	Gallon	8

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

