



Freeman 701 Economical Epoxy Surface Coat

Description

Freeman 701 is an economical epoxy surface coat that offers a no-sag surface for composite tooling construction. Freeman 701 is white in color and is used in large tooling requirements, molds, and check fixtures.

Physical Properties

Color (when mixed)	White
Mix Ratio (R:H, by wt.)	100:8
Viscosity (cps, mixed)	Thixotropic
Gel Time (min. @ 72°F.)	15
Demold Time (hrs.)	24
Hardness (Shore D) (ASTM 2240)	87
Specific Gravity, Mixed (ASTM D-792)	1.48
Volumetric Yield (cu. in./ lb.)	18.7
Compressive Strength (psi)	13,200
Tensile Strength (psi) (ASTM D-638)	6,100
Flexural Strength (psi)	10,800
Deflection Temperature (°F)	127

Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
055721	Freeman 701 Surface Coat Resin Only	5-Gallon	45
055722	Freeman 701 Epoxy Casting Hardener Only	Gallon	3.6

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