



Freeman 1010 High-Density Epoxy Molding Compound

Description

Freeman 1010 is a lightweight two component “clay-like” material that can be rolled out to a uniform thickness and applied behind an epoxy surface coat to provide a quick and easy method of surface coat reinforcement. Freeman 1010 is stiffer than our Freeman 1020.

Physical Properties

Color (when mixed)	Gray
Mix Ratio (by weight)	1:1
Mix Ratio (by volume)	1:1
Viscosity (cps, mixed)	Putty
Gel Time (minutes @ 72°F.)	60
Demold Time (hours)	24
Hardness (Shore D) (ASTM 2240)	77
Specific Gravity, Mixed	0.95
Volumetric Yield (cu. in./ lb.) (ASTM D-792)	29.14
Tensile Strength (psi) (ASTM D-638)	3,800
Compression Strength (psi)	5,000
Flexural Strength	4,600
Deflection Temperature (°F)	180

Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
055101	Freeman 1010 Gallon Unit (Resin & Hardener)	Gallon	12
055105	Freeman 1010 5-Gallon Unit (Resin & Hardener)	Gallon	60

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