



Freeman Fast Set 505 Epoxy Adhesive

Description

Freeman Fast Set 505 is a rapid curing, 2 part epoxy adhesive that is excellent for bonding a wide variety of materials such as metal, wood, ceramic, fiberglass, and some RenShape modeling, styling, and tooling boards. This product features a 5 minute gel time and parts assembled with 505 may be handled in 15 minutes. A color indicator is added to facilitate easy and complete mixing. For optimal adhesion, 30 MIL adhesive film is recommended.

Physical Properties

Color (when mixed)	Clear
Mix Ratio (by weight or volume)	1:1
Viscosity (cps, mixed)	10,400
Gel Time (minutes @ 77°F.)	5
Handling Time (minutes)	20
Hardness (Shore D)	85
Specific Gravity, Mixed	1.11
Service Temperature	-40°F to 200°F
Lap Shear Strength (psi)	2,550
Tensile Strength (psi)	2,500

Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
055350	Freeman Fast Set 505	2-Pint	2

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