



Freeman 1140 Clear Epoxy Casting Resin

Description

Freeman 1140 is a clear, two component epoxy casting system specifically designed for making clear parts or molds. It is also ideal for potting and encapsulating applications. Freeman 1140 features low shrinkage, good chemical resistance, and creates tough impact resistance castings.

Physical Properties

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|---|--------|
| Color | Clear |
| Mix Ratio (by weight) | 100:33 |
| Mix Ratio (by volume) | 2.8:1 |
| Viscosity, Mixed (cps) | 940 |
| Gel Time (minutes @ 77°F) | 65 |
| Demold Time (hours) | 24 |
| Hardness (Shore D) | 80 |
| Specific Gravity (in ³ /lb.) | 1.08 |
| Volumetric Yield (cu. in./ lb.) | 25.6 |
| Deflection Temperature (°F) | 200 |
| Tensile strength (psi) | 5,300 |
| Compressive Strength (psi) | 15,000 |
| Cast Thickness | 1" |

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