



## Freeman 1280 Epoxy Tooling Paste

### Description

The Freeman 1280 is an aluminum-filled non-sagging epoxy paste with excellent adhesive properties. This tooling paste also features good resistance to most chemicals, moisture, and shock. Ideal for repairing tools, dies, jigs, and fixtures. May also be used for applications such as potting, drill bushings, and creating fillets on metal patterns.

### Physical Properties

Color	Gray
Mix Ratio (by weight or volume)	1:1
Gel Time (min. @ 72°F)	150
Demold Time (hr. @ 72°F)	24
Hardness (Shore D)	80
Mixed Viscosity (cps)	Paste
Density (g/cc)	1.38
Volumetric Yield (in. <sup>3</sup> /lb.)	20.0
Compressive Strength (psi)	10,600
Flexural Strength (psi)	6,500
Flexural Modulus (psi)	0.87 x 10 <sup>6</sup>
Tensile Strength (psi)	5,000
Deflection Temperature (°F)	120

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