



Freeman 621 Room Temp Laminating Resin

Description

Freeman 621 is an economical epoxy laminating resin used for large composite tooling, mold construction and check fixtures. Freeman 621 is low viscosity, offering good wet out. Freeman 621 is designed to be used with Freeman 721 Surface Coat.

Physical Properties

Color	White
Mix Ratio (by weight)	100:17
Mix Ratio (by volume)	3.5:1
Viscosity, Mixed (cps)	3,000
Gel Time (minutes @ 77°F)	30
Demold Time (hours)	24
Hardness (Shore D)	89
Specific Gravity (g/cc)	1.36
Volumetric Yield (in ³ / lb)	20.3
Tensile strength, (psi)	24,400
Compression Strength (psi)	38,000
Heat Deflection Temperature	135°F

VOC Content*

Percent Volatiles	0.01%
Volatile Organic Content	0.16 g/L
VOC Classification	Zero-VOC

*Test method measures VOC of mixed system, not individual components

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