



Freeman 2075 Polyurethane Elastomer

Description

Freeman 2075 features an easy 1:1 mix ratio, low-viscosity, and high impact strength. Freeman 2075 produces thermoplastic like parts making it ideal for casting prototypes, rigid parts, short-run production of injection molded parts, and thermoformed parts. Freeman 2075 may be cast up to 3" in thickness.

Physical Properties

Color	White
Mix Ratio (by weight)	1:1
Mix Ratio (by volume)	1:1
Viscosity, Mixed (cps)	190
Gel Time (minutes @ 77°F)	20
Demold Time (hours)	16-24
Hardness (Shore D)	75
Specific Gravity (g/cc)	1.09
Volumetric Yield (in ³ / lb)	25.4
Tensile Strength, (psi)	5,400
Flexural Strength (psi)	9,000
Izod Impact Strength, Notched (ft. lbs./in.)	1.32
Linear Shrinkage in/in	0.001
Heat Deflection Temperature	140°F

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