



Freeman 2040 Polyurethane Elastomer

Description

Freeman 2040 urethane elastomer features very high elongation and low viscosity for ease of pouring. Freeman 2040 offers excellent abrasion resistance making it ideal for the casting and forming of concrete. It is also great for general flexible mold construction, flexible parts and gaskets, and prototypes. Freeman 2040 may be easily thickened for brush-on applications using Fumed Silica.

Physical Properties

Color	Orange
Mix Ratio (by weight)	1:1
Viscosity, Mixed (cps)	800
Gel Time (minutes @ 77°F)	15
Demold Time (hours)	16
Hardness (Shore A)	50
Specific Gravity (g/cc)	1.03
Volumetric Yield (in ³ /lb.)	26.6
Tear Strength, Die C (pli)	117
Tensile strength, (psi)	600
Tensile Elongation %	970

Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
057730	Freeman 2040 Resin	5-Gallon	40
057731	Freeman 2040 Hardener	5-Gallon	40

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.