



Freeman 50FX Polyurethane Elastomer

Description

Freeman 50FX is a flexible rubber ideal for encapsulating objects and is often used to make translucent molds that can be easily cut away from patterns. Its long working time and low viscosity permit natural bubble release reducing the chance of air entrapment. Freeman 50 FX can be tinted using Freeman Color Tints to create opaque parts of various colors.

Physical Properties

Color	Translucent Green
Mix Ratio (by weight)	1:1
Mix Ratio (by volume)	1:1
Viscosity, Mixed (cps)	1,200
Gel Time (minutes @ 77°F)	30
Demold Time (hours)	16
Hardness (Shore A)	50
Specific Gravity (g/cc)	1.0
Volumetric Yield (in ³ /lb.)	27.5
Tear Strength, Die C (pli)	74
Tensile strength, (psi)	360
Tensile Elongation %	750

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