



Freeman 2095 Polyurethane Elastomer

Description

Freeman 2095 cures semi-rigid in mass and is flexible in thin cross-sections. This material is used for foundry patterns, core boxes, metal forming pads, and other applications where good abrasion resistance and strength are required. It is castable up to 2" in thickness.

Physical Properties

Color	Dark Amber
Mix Ratio (by weight)	100:40
Mix Ratio (by volume)	100:39
Viscosity, Mixed (cps)	2,400
Gel Time (minutes @ 77°F)	30
Demold Time (hours)	24
Hardness (Shore A)	95
Specific Gravity (g/cc)	1.04
Volumetric Yield (in ³ /lb.)	26.5
Tear Strength, (ppi)	325
Tensile strength, (psi)	2,550
Tensile Elongation %	430
Linear Shrinkage (in./in.)	.0002"

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