



Freeman 2060/60 Polyurethane Elastomer

Description

Freeman 2060/60 is a semi-rigid polyurethane elastomer recommended for applications where abrasion resistance and impact strength are critical. Freeman 2060/60 is ideal for foundry patterns, core boxes, wear resistance parts, and holding/ assembly fixtures. Available in amber, red, or black.

Physical Properties

Color	Amber, Red, or Black
Mix Ratio (by weight)	100:60
Mix Ratio (by volume)	100:60
Viscosity, Mixed (cps)	2,200
Gel Time (minutes @ 77°F)	25
Demold Time (hours)	24
Hardness (Shore D)	60
Specific Gravity (g/cc)	1.06
Volumetric Yield (in ³ / lb.)	26.3
Tensile strength, (psi)	3,600
Compression Strength (psi)	3,600
Taber Abrasion (ASTM D-4060) 10,000 cycles (in)	.002
Tensile Elongation %	325
Linear Shrinkage in/in	<0.002
Heat Deflection Temperature	135°F
Coefficient Thermal Expansion (in./in./°F)	1.03 x 10 ⁻⁶

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