



Freeman Jewel-Sil Silicone Rubber

Description

Jewel-Sil is a two component, high strength, addition cure, room temperature cure silicone compound. Jewel-Sil was designed specifically for mold making. It is ideal for reproducing intricate detail and maintaining close tolerances.

Physical Properties

Color	Translucent
Mix Ratio (by wt.)	10:1
Gel Time (min.)	60
Demold Time (hr.)	16
Specific Gravity	1.08
Hardness (Shore A)	38
Tensile Strength, psi	920
Elongation (%)	340
Tear Resistance, ppi	120
Linear Shrinkage (%) 24 hours	<0.10
Linear Shrinkage (%) 7 days	<0.10
Temperature Range °C (°F)	-54 to 204 (-65 to 400)
Volumetric Yield	25.6 in. ³ / lb.

*Vacuum degas or pressure pot cure recommended

Ordering Information

SKU	Description	Size	Net wt.
055236	Jewel-Sil Clear	Quart kit	2.2 lb.
055237	Jewel-Sil Clear	Gallon kit	11 lb.
055248	Jewel-Sil Clear - Base only	5-Gallon pail	44.1 lb.
055249	Jewel-Sil Clear - Catalyst only	Gallon	4.4 lb.
055250	Jewel-Sil Clear - Base only	Drum	440.9 lb.
055251	Jewel-Sil Clear - Catalyst only	5-Gallon pail	44.1 lb.

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