

Dow Corning X3-6211 ENCAPSULANT

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

One-part, clear, UV cure. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-X3-6211-ENCAPSULANT.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.990 g/cc	0.990 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	930 cP	930 cP	dynamic

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	45	45	

Thermal Properties	Metric	English	Comments
CTE, linear	430 µm/m-°C	239 µin/in-°F	
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-80.0 °C	-112 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	16.5 kV/mm	420 kV/in	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	clear	
Gel Hardness (Grams/Penetration)	120	
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	

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