

Dow Corning SLYGARD® 535 THIXOTROPIC DIELECTRIC GEL

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SLYGARD-535-THIXOTROPIC-DIELECTRIC-GEL.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	2900 cP	2900 cP	dynamic

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	60	60	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	6.00e+14 ohm-cm	6.00e+14 ohm-cm	
Dielectric Strength	11.0 kV/mm	279 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 150 °C	@Temperature 302 °F	
Shelf Life	9.00 Month	9.00 Month	

Descriptive Properties	Value	Comments
Appearance	translucent	
Flowable	no	
Gel Hardness (Grams/Penetration)	80	
Self Leveling	yes	

Water Resistant Descriptive Properties	yes Value	Comments
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