

Dow Corning SLYGARD® 527 A&B SILICONE DIELECTRIC GEL

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-parts, clear, RT or heat cure. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SLYGARD-527-AB-SILICONE-DIELECTRIC-GEL.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	430 cP	430 cP	dynamic

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	7.00e+15 ohm-cm	7.00e+15 ohm-cm	
Dielectric Constant	2.85	2.85	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	2.85	2.85	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Dissipation Factor	15.2 kV/mm	385 kV/in	
	0.00010	0.00010	
Dissipation Factor	@Frequency 100000 Hz	@Frequency 100000 Hz	
	0.0020	0.0020	
	@Frequency 100 Hz	@Frequency 100 Hz	

Processing Properties	Metric	English	Comments
Cure Time	1440 - 10100 min	24.0 - 168 hour	
	@Temperature 22.0 °C	@Temperature 71.6 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	clear	
Color	red	
Flowable	yes	
Gel Hardness (Grams/Penetration)	115	
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	
Working Time (min)	90	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China