

Dow Corning 3112 RTV SILICONE RUBBER

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber , Silicone, RTV, Encapsulation Grade

Material Notes:Moldmaking RTV Rubber; Potting and encapsulating of electrical/electronic products
Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-3112-RTV-SILICONE-RUBBER.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	28000 cP	28000 cP	dynamic

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	
Tensile Strength, Ultimate	4.83 MPa	700 psi	
Elongation at Break	130 %	130 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	250 °C	482 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	4.20e+13 ohm-cm	4.20e+13 ohm-cm	
Dielectric Constant	3.2	3.2	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Dielectric Strength	3.25	3.25	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dissipation Factor	21.5 kV/mm	545 kV/in	
	0.0040	0.0040	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	0.030	0.030	
	@Frequency 100 Hz	@Frequency 100 Hz	

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Color	white	

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