

Dow Corning 748 NON-CORROSIVE SEALANT

Category : Polymer , Adhesive , Thermoset , Silicone , Silicone, RTV, Adhesive/Sealant Grade

Material Notes:

White, neutral cure RTV sealant especially for electrical applications. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-748-NON-CORROSIVE-SEALANT.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35	35	
Tensile Strength, Ultimate	1.90 MPa	275 psi	
Elongation at Break	350 %	350 %	
Peel Strength	4.38 kN/m	25.0 pli	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 °C	351 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	7.70e+14 ohm-cm	7.70e+14 ohm-cm	
Dielectric Constant	3.21	3.21	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	3.3	3.3	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dissipation Factor	0.0028	0.0028	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	0.0087	0.0087	
	@Frequency 100 Hz	@Frequency 100 Hz	

Processing Properties	Metric	English	Comments
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Processing Properties	2160 min Metric	36.0 hour English	Comments
	@Temperature 22.0 °C	@Temperature 71.6 °F	
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Color	off-white	
Flowable	no	
Water Resistant	yes	

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