

Dow Corning SE 9184 WHITE RTV

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

Material Notes:

One-part, white, moisture cure RTV, non-flowing, fast tack free, controlled volatility, thermally conductive, UL V-0. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SE-9184-WHITE-RTV.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.22 g/cc	2.22 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	
Tensile Strength, Ultimate	2.90 MPa	420 psi	
Elongation at Break	70 %	70 %	
Shear Strength	2.07 MPa	300 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.50e+15 ohm-cm	1.50e+15 ohm-cm	
Dielectric Constant	3.9	3.9	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dielectric Strength	19.7 kV/mm	500 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	2880 min	48.0 hour	
	@Temperature 22.0 °C	@Temperature 71.6 °F	
Shelf Life	7.00 Month	7.00 Month	

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Color		white	
Flowable		yes	
Water Resistant		yes	

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