

Momentive Performance Materials RTV160 White Adhesive Sealant, Non-Corrosive Pourable

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

Material Notes:

One-part totally non-corrosive alkoxy cure. Alkoxy cure silicones are neutral cure materials that offer exceptional adhesion and are non-corrosive to most metals. Typical uses: Non-corrosive protection of printed circuit boards from dirt, dust, moisture, and solvents. Coat contact points. Seal exposed wires. Cushion between plastics and metals, Thin-section potting. Data provided by the manufacturer, GE Silicones. GE Silicones became a part of Momentive Performance Materials in 2006.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-RTV160-White-Adhesive-Sealant-Non-Corrosive-Pourable.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	25	25	
Tensile Strength, Ultimate	1.86 MPa	270 psi	
Elongation at Break	230 %	230 %	
Adhesive Bond Strength	0.690 MPa	100 psi	Typical lap shear

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	205 Â°C	401 Â°F	Continuous useful temperature.
Minimum Service Temperature, Air	-60.0 Â°C	-76.0 Â°F	Continuous useful temperature.

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.8	2.8	
	@Frequency 60 Hz	@Frequency 60 Hz	
Dielectric Strength	20.0 kV/mm	508 kV/in	

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 Â°C	77.0 Â°F	

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