

## Momentive Performance Materials RTV162 Electronic Grade Silicone Adhesive Sealant, White

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

### Material Notes:

RTV160, RTV162, and RTV 167 adhesive sealants for GE silicones are one-component, ready-to-use electronic grade silicone sealants. They cure to a tough, resilient silicone rubber on exposure to atmospheric moisture at room temperature. These electronic grade silicone adhesive sealants differ somewhat in physical properties including consistency. Key Performance Properties: Non-corrosive to electronic metals, including copper and brass Low odor cure, releasing an alcohol vapor from the sealant surface during cure UL recognition Retains elastomeric properties for long periods at temperatures from 60°C to 205°C and for short periods up to 260°C One-component Cure at room temperature Excellent electrical insulation properties Excellent resistance to moisture, dust, dirt, UV, ozone, and chemicals 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-RTV162-Electronic-Grade-Silicone-Adhesive-Sealant-White.php](http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-RTV162-Electronic-Grade-Silicone-Adhesive-Sealant-White.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35	35	
Tensile Strength, Ultimate	3.75 MPa	543 psi	
Elongation at Break	400 %	400 %	
Peel Strength	7.01 kN/m	40.0 pli	1 in. x 8in. Stainless steel screen at 180° pull angle

Thermal Properties	Metric	English	Comments
CTE, linear	270 µm/m-°C	150 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	0.209 W/m-K	1.45 BTU-in/hr-ft²-°F	
Maximum Service Temperature, Air	204 °C	399 °F	Continuous
	260 °C	500 °F	Intermittent
Brittleness Temperature	-60.0 °C	-76.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+15 ohm-cm	3.00e+15 ohm-cm	

Electrical Properties	Metric	English	Comments
Dielectric Constant	@Frequency 60 Hz	@Frequency 60 Hz	
Dielectric Strength	18.0 kV/mm	457 kV/in	
Dissipation Factor	0.0010 @Frequency 60 Hz	0.0010 @Frequency 60 Hz	

Processing Properties	Metric	English	Comments
Cure Time	200 min	4 hour	Tack-free

Descriptive Properties	Value	Comments
Application rate	350 g/min	
Color	White	
Consistency	Spreadable paste	

## Contact Songhan Plastic Technology Co.,Ltd.

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