

## Momentive Performance Materials RTV567 Translucent Extreme Low Temperature Potting/Encapsulating Compound

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

### Material Notes:

Two-part condensation cure. Two-part condensation cure silicones RTVs are designed to cure at room temperature, and can be applied at temperature up to one inch (2.5 cm). These are very tough materials, highly resistant to contamination, and will not be affected by other chemicals during cure or after. Typical uses: Low outgassing. 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-RTV567-Translucent-Extreme-Low-Temperature-PottingEncapsulating-Compound.php](http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-RTV567-Translucent-Extreme-Low-Temperature-PottingEncapsulating-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in <sup>3</sup>	
Viscosity	3900 cP @Temperature 25.0 Â°C	3900 cP @Temperature 77.0 Â°F	
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	20	20	

Thermal Properties	Metric	English	Comments
CTE, linear	250 Âµm/m-Â°C @Temperature 20.0 Â°C	139 Âµin/in-Â°F @Temperature 68.0 Â°F	
Thermal Conductivity	0.290 W/m-K	2.01 BTU-in/hr-ftÂ²- Â°F	
Maximum Service Temperature, Air	204 Â°C	399 Â°F	Continuous useful temperature.
Minimum Service Temperature, Air	-115 Â°C	-175 Â°F	Continuous useful temperature.

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.10e+15 ohm-cm	1.10e+15 ohm-cm	
Dielectric Constant	3.3 @Frequency 1000 Hz	3.3 @Frequency 1000 Hz	
	20.3 kV/mm	516 kV/in	

Dielectric Strength Electrical Properties	Metric @ Thickness 1.91 mm	English @ Thickness 0.0750 in	Comments
Dissipation Factor	0.0060 @Frequency 1000 Hz	0.0060 @Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 Â°C	77.0 Â°F	Cure time 7 days.
Pot Life	540 min @Temperature 25.0 Â°C	540 min @Temperature 77.0 Â°F	

## Contact Songhan Plastic Technology Co.,Ltd.

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