

## Momentive Performance Materials RTV6428 Dark Gray General Purpose Potting/Encapsulating Compound

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

### Material Notes:

Two-part addition cure. Two-part addition cure RTV silicones can be cured very quickly with the use of high heat. Addition cure products have no cure by-products and can be used to unlimited depths. Typical uses: Power supply encapsulation of temperature limited assemblies. "Snap cure". Automotive. 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-RTV6428-Dark-Gray-General-Purpose-PottingEncapsulating-Compound.php](http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-RTV6428-Dark-Gray-General-Purpose-PottingEncapsulating-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in <sup>3</sup>	
Viscosity	1300 cP @Temperature 25.0 °C	1300 cP @Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62	62	
Tensile Strength, Ultimate	3.24 MPa	470 psi	
Elongation at Break	60 %	60 %	
Tear Strength	3.40 kN/m	19.4 pli	Die B

Thermal Properties	Metric	English	Comments
CTE, linear	210 µm/m-°C @Temperature 20.0 °C	117 µin/in-°F @Temperature 68.0 °F	
Thermal Conductivity	0.310 W/m-K	2.15 BTU-in/hr-ft <sup>2</sup> - °F	
Maximum Service Temperature, Air	204 °C	399 °F	Continuous useful temperature.
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	Continuous useful temperature.
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	5.70e+14 ohm-cm	5.70e+14 ohm-cm	

Electrical Properties	Metric	English	Comments
Dielectric Constant	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	21.0 kV/mm @Thickness 1.91 mm	533 kV/in @Thickness 0.0750 in	
Dissipation Factor	0.0061 @Frequency 1000 Hz	0.0061 @Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 Å°C	77.0 Å°F	Cure time 4 hours.
Pot Life	4.00 min @Temperature 25.0 Å°C	4.00 min @Temperature 77.0 Å°F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China