

Momentive Performance Materials TSE3261-G Heat Resistant Silicone Adhesive

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

Material Notes:

TSE3261-G is a one-component heat curable silicone adhesive designed for high temperature applications. TSE3261-G adheres well to a variety of substrates such as metals, plastics, ceramics and glass without the use of a primer. Cured properties for specimen cured 1 hour at 150°C. Key Performance Properties: Ready to use - one component Excellent high temperature resistance Heat accelerated cure Excellent adhesive properties; primerless adhesion to many types of substrates Gray color Non corrosive to metals Applications: Sealing and bonding for high temperature applications Heaters Steam Irons Microwave Ovens Sealing, bonding and potting for electrical appliances and electronic parts. 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-TSE3261-G-Heat-Resistant-Silicone-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.48 g/cc	1.48 g/cc	at 23°C
Viscosity	80000 cP	80000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	54	54	
Tensile Strength at Break	4.90 MPa	711 psi	
Elongation at Break	160 %	160 %	
Adhesive Bond Strength	1.77 MPa	257 psi	Aluminum lap shear

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.410 W/m-K	2.85 BTU-in/hr-ft ² - °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+15 ohm-cm	2.00e+15 ohm-cm	
Dielectric Constant	3.3	3.3	
Dielectric Strength	22.0 kV/mm	559 kV/in	
Dissipation Factor	0.020	0.020	

Descriptive Properties	Value	Comments
Color	Gray	

Descriptive Properties	Value	Comments
Consistency	Flowable	

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