

Momentive Performance Materials TSE3941 Flame Retardant Adhesive Sealant, White

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

Material Notes:

TSE3940 and TSE3941 flame retardant adhesive/sealants are non-flowable, one-component RTVs that cure quickly by reacting with atmospheric moisture forming a soft elastic silicone rubber. These materials incorporate a newly developed crosslinking chemistry and are non-corrosive to metallic substrates. They are particularly well suited for electrical/electronic applications. These products differ in color and flame retardancy; TSE3940 is gray and UL94 V-0 rated, TSE3941 is white and is UL94 V-1 rated. When cured, they retain their elastomeric properties throughout the operating temperature range of -55C to 200C (-67F to 392F). Key Performance Properties: Meets the corrosion resistance requirements of MIL-A-46146A Flame retardant UL rated, non halogenated High thermal conductivity Fast cure @ ambient temperature Outstanding adhesion, including most plastics Outstanding electrical properties Resistant to heat, cold, moisture, 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-TSE3941-Flame-Retardant-Adhesive-Sealant-White.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.65 g/cc	1.65 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	
Tensile Strength, Ultimate	2.94 MPa	427 psi	
Elongation at Break	100 %	100 %	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.830 W/m-K	5.76 BTU-in/hr-ft ² - Â°F	
Maximum Service Temperature, Air	200 Â°C	392 Â°F	
Minimum Service Temperature, Air	-55.0 Â°C	-67.0 Â°F	
Flammability, UL94	V-1	V-1	

Electrical Properties	Metric	English	Comments
Volume Resistivity	4.00e+14 ohm-cm	4.00e+14 ohm-cm	
Dielectric Constant	4.0 @Frequency 60 Hz	4.0 @Frequency 60 Hz	
Dielectric Strength	22.0 kV/mm	559 kV/in	

Electrical Properties	Metric	English	Comments
Dissipation Factor	@Frequency 60 Hz	@Frequency 60 Hz	

Processing Properties	Metric	English	Comments
Cure Time	5.00 min	0.0833 hour	Tack free

Descriptive Properties	Value	Comments
Color	White	
Consistency	Paste	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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