

## Momentive Performance Materials TSE3221 Flowable, Heat Cured One Component Silicone Adhesive

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

### Material Notes:

TSE 3221 is a one-component, flowable, heat curing adhesive which is translucent in color and offers primerless adhesion to a wide variety of substrates. This product requires an elevated temperature cure and exhibits very low linear shrinkage. Key Performance Properties: One component product-no mixing required Fast cure at elevated temperature Primerless adhesion to many types of substrates No cure by-products, low linear shrinkage Non-corrosive to metals and sensitive substrates Excellent dielectric properties Outstanding performance over a wide thermal range 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-TSE3221-Flowable-Heat-Cured-One-Component-Silicone-Adhesive.php](http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-TSE3221-Flowable-Heat-Cured-One-Component-Silicone-Adhesive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	
Viscosity	55000 cP	55000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	28	28	
Tensile Strength, Ultimate	2.35 MPa	341 psi	
Elongation at Break	290 %	290 %	
Adhesive Bond Strength	1.96 MPa	284 psi	Aluminum to aluminum

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+15 ohm-cm	2.00e+15 ohm-cm	
Dielectric Constant	2.8	2.8	
Dielectric Strength	21.02 kV/mm	533.9 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	90.0 min	1.50 hour	
	@Temperature 125 Â°C	@Temperature 257 Â°F	
	180 min	3.00 hour	

Processing Properties	@Temperature 100 A°C Metric	@Temperature 212 A°F English	Comments
Descriptive Properties	Value		Comments
Color	Translucent		
Consistency	Flowable		

## 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