

## Momentive Performance Materials RTV6445 Heat-Curing Silicone Adhesive, White

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

### Material Notes:

RTV6424, RTV6445, and TSE322 silicone adhesives are one-component heat curable silicone adhesive sealants which will bond to many substrates without a primer and which will creep rapidly at elevated temperatures. These products have a very long working time at room temperature but will not cure completely until exposed to elevated temperatures. RTV6445 is a white, thixotropic paste consistency product which can be applied to vertical or overhead surfaces. Mechanical properties for specimen cured 1 hour at 150°C. 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 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-RTV6445-Heat-Curing-Silicone-Adhesive-White.php](http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-RTV6445-Heat-Curing-Silicone-Adhesive-White.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	38	38	
Tensile Strength, Ultimate	6.033 MPa	875.0 psi	
Elongation at Break	625 %	625 %	
Adhesive Bond Strength	2.24 MPa	325 psi	Aluminum to aluminum

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	
Dielectric Constant	2.9	2.9	
Dielectric Strength	19.69 kV/mm	500.1 kV/in	
Dissipation Factor	0.0030	0.0030	

Descriptive Properties	Value	Comments
Application rate	50 g/min	
Color	White	
Vertical flow	0.2 inches	at 5 minutes

## **Contact Songhan Plastic Technology Co.,Ltd.**

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