

Momentive Performance Materials RTV5818 Translucent Adhesive Sealant, Fast Cure Paste

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

Material Notes:

One-part modified alkoxy cure. Modified alkoxy materials cure at room temperature and will outgas a small amount of ammonia and some alcohol during cure. Typical uses: Fast-curing primerless adhesion to aluminum and steel as well as some plastics for high productivity OEM assembly bonding and sealing. 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-RTV5818-Translucent-Adhesive-Sealant-Fast-Cure-Paste.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	21	21	
Tensile Strength, Ultimate	1.86 MPa	270 psi	
Elongation at Break	500 %	500 %	
Adhesive Bond Strength	0.860 MPa	125 psi	Typical lap shear

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	205 Â°C	401 Â°F	Continuous useful temperature.
Minimum Service Temperature, Air	-60.0 Â°C	-76.0 Â°F	Continuous useful temperature.

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.8	2.8	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	16.6 kV/mm	422 kV/in	

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 Â°C	77.0 Â°F	

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