

Momentive Performance Materials RTV6803 Black Adhesive Sealant, Industrial Plastic Adhesive

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: Primerless adhesion to many metals and plastics including polycarbonate for 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-RTV6803-Black-Adhesive-Sealant-Industrial-Plastic-Adhesive.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	18	18	
Tensile Strength, Ultimate	1.67 MPa	242 psi	
Elongation at Break	400 %	400 %	
Adhesive Bond Strength	0.830 MPa	120 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	19.5 kV/mm	495 kV/in	

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

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