

Momentive Performance Materials FRV1106 Red Fluorosilicone Adhesive Sealant, Fuel Resistant Paste

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

Material Notes:

One-part acetoxy cure. Alkoxy cure silicones are neutral cure materials that offer exceptional adhesion and are non-corrosive to most metals. Typical uses: For use in contact with fuel, solvents, and chemicals. 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-FRV1106-Red-Fluorosilicone-Adhesive-Sealant-Fuel-Resistant-Paste.php

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	42	42	
Tensile Strength, Ultimate	3.33 MPa	483 psi	
Elongation at Break	230 %	230 %	
Adhesive Bond Strength	1.38 MPa	200 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	6.3	6.3	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	13.7 kV/mm	348 kV/in	

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

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