

Momentive Performance Materials RTV5813 Black 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-RTV5813-Black-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 | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China