

Master Bond Mastersil 153 Two Component, High Temperature Resistance Silicone Adhesive

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

Material Notes:

Master Bond MasterSil 153 is a two component, paste silicone compound for high performance bonding and sealing. MasterSil 153 is an addition cured system and does not require exposure to air for complete cross-linking. It has a convenient one to one mix ratio by weight, and will not outgas while curing. MasterSil 153 has an exceptionally long working life and very low exotherm.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-Mastersil-153-Two-Component-High-Temperature-Resistance-Silicone-Adhesive.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------|---------|----------|
| Viscosity | 2750 cP | 2750 cP | |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|----------|---------|----------|
| Hardness, Shore A | 25 | 25 | |
| Tensile Strength, Yield | 3.10 MPa | 450 psi | |
| Elongation at Yield | 500 % | 500 % | |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 204 °C | 400 °F | |
| Minimum Service Temperature, Air | -59.4 °C | -75.0 °F | |

| Electrical Properties | Metric | English | Comments |
|-----------------------|-----------------|-----------------|----------|
| Volume Resistivity | 1.00e+14 ohm-cm | 1.00e+14 ohm-cm | |

| Processing Properties | Metric | English | Comments |
|-----------------------|---------------------|---------------------|----------|
| Cure Time | 60.0 min | 1.00 hour | |
| | @Temperature 121 °C | @Temperature 250 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|----------------------------------|----------|
| Color Code | "A" Translucent; "B" Translucent | |
| Mix Ratio By Weight | 100/100 | |

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