

Master Bond Mastersil 151 Two Component Low Viscosity Silicone Compound

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

Material Notes:

Master Bond MasterSil 151 is a two component, low viscosity silicone compound for high performance potting and encapsulation.

MasterSil 151 is an addition cured system and does not require exposure to air for complete crosslinking. It has a convenient ten to one mix ratio by weight and will not outgas while curing. MasterSil 151 is 100% solids and contains no solvents.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-Mastersil-151-Two-Component-Low-Viscosity-Silicone-Compound.php

Physical Properties	Metric	English	Comments
Viscosity	1200 - 1500 cP	1200 - 1500 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	
Tensile Strength, Yield	6.07 MPa	880 psi	
Elongation at Yield	120 %	120 %	

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+15 ohm-cm	1.00e+15 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	120 - 180 min	2.00 - 3.00 hour	
	@Temperature 93.3 °C	@Temperature 200 °F	
	1440 - 2880 min	24.0 - 48.0 hour	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color Code	"A" Transparent; "B" Transparent	
Mix Ratio By Weight	100/10	
Set-Up Time, minutes	240-300	At Room Temperature

Descriptive Properties	Value	Comments
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