

Master Bond Mastersil 705 One Component Room Temperature Curing Silicon Elastomer

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

Material Notes:

Master Bond Master Sil 705 is a one component high performance silicone elastomer compound for bonding, sealing, protective coatings and formed-in-place gaskets. This material is a translucent noncorrosive flowable compound which can be easily handled and processed readily. It cures at ambient temperatures to a flexible rubbery solid when exposed to atmospheric moisture.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-Mastersil-705-One-Component-Room-Temperature-Curing-Silicon-Elastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	20	20	
Tensile Strength, Yield	1.52 MPa	220 psi	
Elongation at Yield	225 %	225 %	

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	1440 - 2880 min	24.0 - 48.0 hour	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color	translucent white or black	
Set-Up Time, minutes	20-25	At Room Temperature
Viscosity	Self Leveling Paste	

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