

## Master Bond Super Gel 9 Two component urethane modified epoxy gel-like system

Category : Polymer , Thermoset , Epoxy

### Material Notes:

Cures at room temperature to form a soft, resilient gel-like system with good dimensional stability. It has excellent optical clarity, convenient to handle, and is easy to retrieve with a sharp knife or blade.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Master-Bond-Super-Gel-9-Two-component-urethane-modified-epoxy-gel-like-system.php](http://www.lookpolymers.com/polymer_Master-Bond-Super-Gel-9-Two-component-urethane-modified-epoxy-gel-like-system.php)

Physical Properties	Metric	English	Comments
Viscosity	75 - 150 cP	75 - 150 cP	Part B
	@Temperature 23.9 °C	@Temperature 75.0 °F	
	7000 - 12000 cP	7000 - 12000 cP	Part A
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	<= 5	<= 5	
Tensile Strength	2.76 MPa	400 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.3 °C	200 °F	
Minimum Service Temperature, Air	-73.3 °C	-100 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.5253	1.5253	

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1e+15 ohm-cm	>= 1e+15 ohm-cm	
Dielectric Constant	4.1	4.1	
	@Frequency 60.0 Hz	@Frequency 60.0 Hz	
Dielectric Strength	>= 16.5 kV/mm	>= 420 kV/in	
	@Thickness 3.17 mm	@Thickness 0.125 in	
Dissipation Factor	0.090	0.090	
	@Frequency 60.0 Hz	@Frequency 60.0 Hz	

Electrical Properties	Metric	English	Comments
Processing Properties	Metric	English	Comments
Processing Temperature	23.9 °C	75.0 °F	may be accelerated to about 55 hours with heat
	@Time 346000 - 605000 sec	@Time 96.0 - 168 hour	
Pot Life	360 - 480 min	360 - 480 min	200 g batch
	@Temperature 23.9 °C	@Temperature 75.0 °F	
Shelf Life	420 - 540 min	420 - 540 min	100 g batch
	@Temperature 23.9 °C	@Temperature 75.0 °F	
Shelf Life	12.0 Month	12.0 Month	unopened containers at RT

Descriptive Properties	Value	Comments
Mix Ratio, A:B	2:1	By weight or volume

## Contact Songhan Plastic Technology Co.,Ltd.

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