

A glass & mineral filled **SILICONE THERMOSET** molding compound designed
For components requiring extreme high temperature performance.

<u>MOLDED PROPERTIES</u>	<u>TYPICAL</u>		<u>VALUES</u>	
	SI	SI	US	US
Form				Bulk
Color				Black Colors upon request
Molding Temperature (D 954)	° C	166-177	° F	330-350
Molding Transfer Pressure (D 957)	MPa	0.7 – 2.6	psi	100 – 400
Specific Gravity (D 792)		1.85 – 2.00		1.85 - 2.0
Shrinkage	mm/mm	.000-.006	in/in	.000-.006
Barcol Hardness				30 - 40
<u>THERMAL</u>				
Heat deflection temperature (D648)	° C	>250	° F	>482
Continuous operating temperature	° C	426	° F	800
<u>MECHANICAL</u>				
Impact Strength (D 256)	J/m	80 – 260	ft-lb/in	1.5 – 5.0
Flexural Strength (D 790)	MPa	20 - 55	psi	3000-8000
Spiral flow (D3123-72) MESA			in	10 – 40 Depending on customer requirements
<u>ELECTRICAL</u>				
Arc Resistance (D 495)			Seconds	>180

The above data was generated based on a specific typical formulation. Variations to satisfy customer requirements may result in different values.

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