

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

<u>MOLDED PROPERTIES</u>	SI	<u>TYPICAL</u> SI	US	<u>VALUES</u> US
Form Color				Bulk Black Colors upon request
Molding Temperature (D 954)	o C	166-177	o F	330-350
Molding Transfer Pressure (D 957)	MPa	0.7 – 2.6	psi	100 – 400
Specific Gravity (D 792)		1.85 – 1.95		1.85 - 1.95
Shrinkage	mm/mm	.000-.004	in/in	.000-.004
Barcol Hardness				30 - 40
<b><u>THERMAL</u></b>				
Heat deflection temperature (D648)	o C	>250	o F	>482
Continuous operating temperature	o C	426	o F	800
<b><u>MECHANICAL</u></b>				
Impact Strength (D 256)	J/m	107 – 215	ft-lb/in	2.0 – 4.0
Flexural Strength (D 790)	MPa	20 - 55	psi	3000-8000
Spiral flow (D3123-72) MESA			in	10 – 40 Depending on customer requirements
<b><u>ELECTRICAL</u></b>				
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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