

A glass, mineral & graphite filled **SILICONE THERMOSET** molding compound specifically designed for contact components in the hot glass handling industry

<u>MOLDED PROPERTIES</u>	<u>TYPICAL</u>		<u>VALUES</u>	
	SI	SI	US	US
Form				Bulk
Color				Black
Molding Temperature (D 954)	° C	166-177	° F	330-350
Molding Transfer Pressure (D 957)	MPa	0.7 – 2.6	psi	100 – 375
Specific Gravity (D 792)		1.85 - 1.95		1.85 - 2.00
Shrinkage	mm/mm	0.0 - .0009	in/in	0.0 - .0009
Barcol Hardness				15 – 30
<u>THERMAL</u>				
Heat Deflection temperature (D648)	° C	>250	° F	>482
Continuous operating temperature	° C	371	° F	700
<u>MECHANICAL</u>				
Impact Strength (D 256)	J/m	76 - 178	ft-lb/in	2 – 4
Flexural Strength (D 790)	MPa	26 - 52	psi	4000 – 8000
Spiral Flow (D3123-72) MESA			in	25 – 45
<u>ELECTRICAL</u>				
Arc Resistance (D 495)			Seconds	0

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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