

A **HIGH STRENGTH AND HIGH HEAT RESISTANT**, glass fiber reinforced thermoset molding compound. It is currently supplied in bulk form only.

## MOLDED PROPERTIES

## TYPICAL

## VALUES

	SI	SI	US	US
<b><u>PHYSICAL / THERMAL</u></b>				
<b>Impact strength</b> (D 256)	J/m	961 - 1175	ft-lb/in	18 - 22
POSTCURED 10 DAYS @ 200 °C	J/m	855 - 961	ft-lb/in	16 - 18
<b>Flexural strength</b> (D 790)	MPa	173 - 193	psi	25 - 28,000
POSTCURED 10 DAYS @ 200° C	MPa	220	psi	32,000
<b>Heat Deflection Temp.</b> (D 648)	°C	>250	°F	>482
<b>Molding temperature</b>	°C	140 - 176	°F	285 - 350
<b>Molding pressure</b>	bar	70 - 140	psi	1000 - 2000
<b>Mold shrinkage</b> (D 955)	mm/mm	.000-.001	in/in	.000-.001
<b>Specific gravity</b> (D 792)				1.88
<b>Flammability</b> ( @ 1/16" )				HB
<b>Barcol Hardness</b>				60 - 70
<b><u>ELECTRICAL</u></b>				
<b>Arc resistance</b> (D 495)	Seconds	>180	Seconds	>180
POSTCURED 10 DAYS @ 200 °C	Seconds	>180	Seconds	>180
<b>Dielectric strength</b> (D 149)	kV/mm	>14	v/mil	>350

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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