

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

PHYSICAL / THERMAL

Impact strength (D 256)
POSTCURED 10 DAYS @ 200 °C

SI	SI
J/m	961 - 1175
J/m	855 - 961

US	US
ft-lb/in	18 - 22
ft-lb/in	16 - 18

Flexural strength (D 790)
POSTCURED 10 DAYS @ 200° C

MPa	173 - 193
MPa	220

psi	25 - 28,000
psi	32,000

Heat Deflection Temp. (D 648)

°C	>250
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°F	>482
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Molding temperature
Molding pressure

°C	140 - 176
bar	70 - 140

°F	285 - 350
psi	1000 - 2000

Mold shrinkage (D 955)

mm/mm	.000-.001
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in/in	.000-.001
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Specific gravity (D 792)
Flammability (@ 1/16")
Barcol Hardness

1.88
HB
60 - 70

ELECTRICAL

Arc resistance (D 495)
POSTCURED 10 DAYS @ 200 °C

Seconds	>180
Seconds	>180

Seconds	>180
Seconds	>180

Dielectric strength (D 149)

kV/mm	>14
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v/mil	>350
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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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