

A mineral filled, glass fiber reinforced polyester thermoset suitable for compression, transfer, and injection molding. It is currently supplied in bulk form, cut preforms & box length extrusions.

**MOLDED
PROPERTIES**

UNITS

TYPICAL

VALUES

SI

SI

US

US

PHYSICAL / THERMAL

Impact strength (D 256)

J/m

374 - 481

ft-lb/in

7 - 9

Flexural strength (D 790)

MPa

97 - 138

psi

14 -20,000

Tensile strength (D 638)

MPa

35 - 48

psi

5 - 7,000

Heat Deflection Temp. (D 648)

°C

>260

°F

>500

Molding temperature

°C

140 - 176

°F

285 - 350

Molding pressure

bar

70 - 140

psi

1000 - 2000

Mold shrinkage (D 955)

mm/mm

.0005 - .0015

in/in

.0005 - .0015

Specific gravity (D 792)

1.97

Flammability (1/16")

HB

(1/4")

V0

Barcol Hardness

35 - 45

ELECTRICAL

Arc resistance (D 495)

Seconds

>180

Seconds

>180

Dielectric strength (D 149)

kV/mm

>13

v/mil

>330

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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