

A **U.L recognized**, flame retardant, mineral filled, glass fiber reinforced polyester **thermoset molding compound** suitable for compression, transfer, and injection molding. It is currently supplied in bulk form, cut preforms and box length extrusions.

MOLDED PROPERTIES

UL File E107977

PHYSICAL / THERMAL

Impact strength (D 256)

Flexural strength (D 790)

Tensile strength (D 638)

Heat Deflection Temp. (D 648)

Molding temperature

Molding pressure

Mold shrinkage (D 955)

Specific gravity (D 792)

Flammability (UL 94 @ 1/16")

Barcol Hardness

Water absorption (D 570) by weight 24 hours
168 hours

ELECTRICAL

Arc resistance (D 495)

Volume resistivity (D 257)

Dielectric strength (D 149)

Comparative tracking index (D3638)

TYPICAL

VALUES

	SI	SI	US	US
	J/m	267 - 374	ft-lb/in	5.0 - 7.0
	MPa	76 - 97	psi	11,000-14,000
	MPa	57.00	psi	8,300
	°C	>260	°F	>500
	°C	140 - 176	°F	285 - 350
	bar	70 - 140	psi	1000 - 2000
	mm/mm	.002-.003	in/in	.002-.003
				1.95
				V-0
				35 - 45
			%	0.06
			%	0.20
	Seconds	>190	Seconds	>190
	ohm-cm	1.29X 10 ¹⁵		
	kV/mm	>20	v/mil	>500
			v	>600

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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