

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.

MOLDED PROPERTIES

UL File E107977

TYPICAL

VALUES

	SI	SI	US	US
<u>PHYSICAL / THERMAL</u>				
Impact strength (D 256)	J/m	534 - 641	ft-lb/in	10 - 12
Flexural strength (D 790)	MPa	138 - 166	psi	20 - 24,000
Tensile strength (D 638)	MPa	50	psi	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	.000-.001	in/in	.000-.001
Specific gravity (D 792)				1.87
Flammability (UL 94 @ 1/16")				V-0
Barcol Hardness				35 - 45
Water absorption (D 570) by weight 24 hours			%	0.28
<u>ELECTRICAL</u>				
Arc resistance (D 495)	Seconds	>180	Seconds	>180
Volume resistivity (D 257)	ohm-cm	8.99 X 10 ¹⁴		
Dielectric strength (D 149)	kv/mm	>20	v/mil	>500
Comparative tracking index (D3638)			V	>600

The above data was generated based on a specific typical formulation. Variations to satisfy customer requirements may result in different values.
4/19/21

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