

A **UV resistant**, flame retardant, glass reinforced polyester thermoset **suitable for outdoor applications**. Compression, transfer, and injection molding grades are available. It is currently supplied in bulk form, cut preforms, and box length extrusions.

<u>MOLDED PROPERTIES</u>	<u>UNITS</u>		<u>TYPICAL</u>		<u>VALUES</u>	
	SI	SI	US	US	US	US
<u>PHYSICAL / THERMAL</u>						
Impact strength (D 256)	J/m		370 - 480		ft-lb/in	7 - 9
Flexural strength (D 790)	MPa		117 - 152		psi	17 -22,000
Tensile strength (D 638)	MPa				psi	6,700
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		.0006 - .0017		in/in	.0006 - .0017
Specific gravity (D 792)						1.97
Flammability (1/16")						HB
(1/8")						V0
Barcol Hardness						40 - 50
<u>ELECTRICAL</u>						
Arc resistance (D 495)	Seconds		>180		Seconds	>180
Dielectric strength (D 149)	kV/mm		>20		v/mil	>500

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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