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olycarbonate			
	Genera	I Information	
oduct Description			
Glass fiber reinforced polycarbo	nate		
FEATURES	ADDITIO	NAL FORMULAS	COLOR
-20% Glass Fiber Reinforced	-Added Re	lease "R"	-All
-Great Strength	-Added U∖	/ "U"	
-Good Creep Resistance			
-Medium Flow			
neral			
Typical Applications -Appliance, electrical, lawn & ga		& garden, automotive, electronic	
Processing Method	-Injection		
Form(s)	-Pellets		
Availability	-North America, Europe, Asi	a, Latin America	
	ASTM / I	SO Properties <sup>1</sup>	
ysical		Nominal Value Unit	Test Method
Density		1.35 g/cm <sup>3</sup>	ASTM D792
Melt Flow Rate (300°C/1.2kg)		14 g/10min	ASTM D1238
Molding Shrinkage - Flow (3.2mm)		0.2 to 0.4 %	TVT Internal
Outdoor Suitability - QUV ("U" grades only)		Pass	QUV - TVT Intern
chanical		Nominal Value Unit	Test Method
Tensile Strength, yld		16,000 psi	ASTM D638
Tensile Elongation		>5 %	ASTM D638
Flexural Modulus		790000 psi	ASTM D790
Notched Izod Impact		2.2 ft-lbs/in	ASTM D256
Rockwell Hardness		123 R-Scale	ASTM D785
ermal		Nominal Value Unit	Test Method
Deflection Temperature Under Load (0.45 MPa)		295 °F	ASTM D648
Deflection Temperature Under Load (1.8 MPa)		280 °F	ASTM D648
Vicat Softening Temperature		318 °F	ASTM D1525
CLTE - Flow		1.6E-5 in/in/°F	ASTM E831
mmability		Nominal Value Unit	Test Method
0.06 in		HB	UL94 TVT Interna
commended Processing Guid	ance	000 / 050 %5	
Drying Temperature		230 to 250 °F	
Drying Time		3 to 6 Hours	
Suggested Max Moisture		0.02 %	
Processing Melt Temperature		590 to 640 °F	
Mold Temperature		175 to 230 °F	

Note: Ine values listed on this guide are typical values based on general molding conditions and used solely for the purpose or general material processing. It is recommended that application properties be derived from actual molded articles, whereas properties as molded could vary. These are not to be used as specifications. This data does not provide an implied conditional warranty.