Generic PC - Glass Fiber, Milled

Polycarbonate

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PC - Glass Fiber, Milled
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Glass fiber with embossing		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.34 - 1.42	g/cm³	ASTM D792
Molding Shrinkage			
Flow: 23°C	0.30 - 0.51	%	ASTM D955
23°C	0.33 - 0.76	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	3430 - 3820	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0 - 28	%	ASTM D638
Flexural Modulus (23°C)	3070 - 3450	MPa	ASTM D790
Flexural Strength			
23°C	68.9 - 124	MPa	ASTM D790
23°C	50.0 - 132	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	79 - 110	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1100 - 1300	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	127 - 138	°C	ASTM D648
Flammability	**Nominal Value**	**Unit**	**Test Method**
Glow Wire Flammability Index	956 - 960	°C	IEC 60695-2-12
Injection	**Nominal Value**	**Unit**	
Rear Temperature	299 - 316	°C	
Front Temperature	316 - 327	°C	
Mold Temperature	93.3 - 96.3	°C	
Injection instructions			

This data represents typical values that have been calculated from all products classified as: Generic PC - Glass Fiber, MilledThis information is provided for comparative purposes only.

Recommended distributors for this material