

Generic ABS+PC - Glass Fiber, Long

Polycarbonate + ABS

Generic

Message:

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

General Information			
Filler / Reinforcement	Long Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25 to 1.49	g/cm ³	ASTM D792
Molding Shrinkage (23°C)	0.050 to 0.52	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	5770 to 12400	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	111 to 156	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	1.3 to 2.5	%	ISO 527-2
Flexural Modulus (23°C)	5680 to 11900	MPa	ISO 178
Flexural Stress (23°C)	123 to 224	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	18 to 28	kJ/m ²	ISO 180
Instrumented Dart Impact (23°C)	14.1 to 18.5	J	ASTM D3763

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