

Generic PET - Glass\Mineral

Polyethylene Terephthalate

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PET - Glass\Mineral
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Glass \Mineral		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.38 - 1.70	g/cm ³	ASTM D792
23°C	1.50 - 1.83	g/cm ³	ISO 1183
Molding Shrinkage			
Flow: 23°C	0.25 - 0.50	%	ASTM D955
23°C	0.20 - 0.90	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	7000 - 11700	MPa	ASTM D790
Flexural Strength (23°C)	152 - 200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53 - 80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210 - 216	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	120 - 135	°C	
Drying Time	3.0 - 4.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	274 - 288	°C	
Mold Temperature	96.8 - 108	°C	
Injection instructions			

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Recommended distributors for this material

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