

Generic PBT - Stainless Steel Fiber

Polybutylene Terephthalate

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PBT - Stainless Steel Fiber
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Stainless steel fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30 - 1.72	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.30 - 2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2720 - 3250	MPa	ASTM D638
Flexural Modulus (23°C)	1930 - 2800	MPa	ASTM D790
Flexural Strength (23°C)	55.2 - 91.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37 - 39	J/m	ASTM D256
Unnotched Izod Impact (23°C)	270 - 1200	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	3.0 - 5.3E+5	ohms	ASTM D257
Injection	Nominal Value	Unit	Test Method
Mold Temperature	72.5 - 90.6	°C	
Injection instructions			

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Recommended distributors for this material

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