

Generic Nylon 66 - Stainless Steel Fiber

Polyamide 66

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Nylon 66 - 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	1.13 - 1.49	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2350 - 4220	MPa	ASTM D638
Tensile Strength (23°C)	48.3 - 82.7	MPa	ASTM D638
Flexural Modulus (23°C)	1720 - 5450	MPa	ASTM D790
Flexural Strength (23°C)	109 - 125	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	41 - 160	J/m	ASTM D256
Unnotched Izod Impact (23°C)	790 - 1100	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	17 - 1.3E+10	ohms	ASTM D257
Volume Resistivity (23°C)	1.0 - 1.4E+3	ohms·cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	75.0 - 82.2	°C	
Drying Time	3.0 - 4.0	hr	
Processing (Melt) Temp	273 - 308	°C	
Mold Temperature	86.0 - 90.4	°C	
Injection Pressure	86.2 - 87.0	MPa	
Injection instructions			

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