

Generic Nylon 66 - Carbon Fiber, Nickel-Coated

Polyamide 66

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Nylon 66 - Carbon Fiber, Nickel-Coated
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Nickel plated carbon fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23 - 1.41	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.14 - 0.21	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	6200 - 13800	MPa	ASTM D638
Flexural Modulus (23°C)	10900 - 12400	MPa	ASTM D790
Flexural Strength (23°C)	134 - 241	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	42 - 54	J/m	ASTM D256
Unnotched Izod Impact (23°C)	270 - 640	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2 - 1.0E+5	ohms	ASTM D257
Injection	Nominal Value	Unit	Test Method
Mold Temperature	86.3 - 86.5	°C	
Injection instructions			

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