

Generic ABS - Carbon Fiber, Nickel-Coated

Acrylonitrile Butadiene Styrene

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic ABS - 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	1.12 - 1.51	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.073 - 0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Yield, 23°C)	1.0 - 1.5	%	ASTM D638
Flexural Modulus (23°C)	5170 - 17200	MPa	ASTM D790
Flexural Strength (23°C)	72.0 - 165	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37 - 69	J/m	ASTM D256
Unnotched Izod Impact (23°C)	210 - 270	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	51 - 1.0E+5	ohms	ASTM D257
Volume Resistivity (23°C)	1.0 - 1.3E+2	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Mold Temperature	73.2 - 74.2	°C	
Injection instructions			

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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