

Firestone CG420-203

Polyamide 6

Firestone Textiles Company

Message:

Fibre Dimension: Length: 4mm, Diameter: 14micron

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.35	%	ASTM D955
Moisture Content	< 1000	ppm	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	114	MPa	ASTM D638
Tensile Elongation (Break)	6.0	%	ASTM D638
Flexural Modulus	5320	MPa	ASTM D790
Flexural Strength	168	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	196	°C	ASTM D648
Melting Temperature	220	°C	
Additional Information			

Fiber Dimensions: Length-4mm, Diameter-14micron

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Recommended distributors for this material

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