

Firestone

Nylon 6

Typical Properties

<u>Parameter</u>		<u>CG420-203</u>	
Applications		Injection molding	
Colour		Black	
Heat Stabilized		Yes	
Chopped Fibreglass	%	20	
Fibre Dimension	Length - mm	4	
	Diameter - micron	14	
Moisture	% Max.	0.1	
Mold Shrinkage	%	0.35	ASTM D955
Specific Gravity		1.28	ASTM D792
Tensile Strength	MPa	114	ASTM D638
	PSI	16,530	
Elongation	%	6.0	ASTM D638
Flex Modulus	MPa	5,315	ASTM D790
	PSI	770,730	
Flex Strength	MPa	168	ASTM D790
	PSI	24,395	
Notched Izod Impact	ft.lb/in.	1	ASTM D256
Deflection Temp.	@ 1.82 MPa / 264 PSI	196°C	ASTM D648
Melt Temperature		220°C	

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