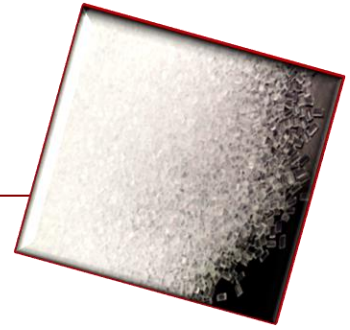


Firestone

CG443 – 203 Nylon 6 Resin – Black 43% Glass Filled Chips



TYPICAL PROPERTIES

Application		Injection Moulding	
Colour		Natural White	
Heat Stabilized		No	
Chopped Fibreglass	%	43	
Fibre Dimension	Length - mm	4	
	Diameter - micron	14	
Modified		No	
Moisture	% Max	0.1	
Chip Size	mm	2.55 – 3.99	
Mould Shrinkage	%	0.3	ASTM D955
Specific Gravity		1.4	ASTM D792
Tensile Strength	MPa	156	ASTM D638
	PSI	22,250	
Elongation	%	3.5	ASTM D638
Flex Modulus	MPa	7,780	ASTM D790
	PSI	1,128,530	
Flex Strength	MPa	190	ASTM D790
	PSI	23,860	
Notched Izod Impact	Ft.lb/in	1.7	ASTM D256
Deflection Temp.	0.45MPa / 66 PSI	220 Deg C	ASTM D648
	1.82 MPa / 264 PSI	204DegC	
Melt Temperature		220 DegC	

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