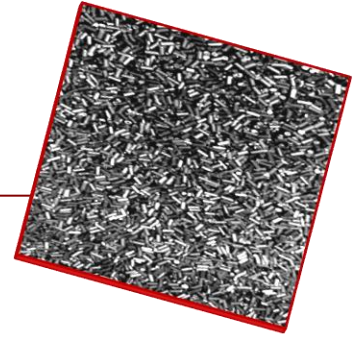


# Firestone

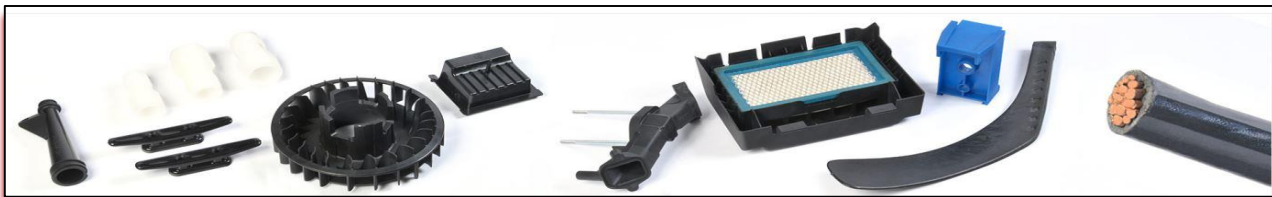
## CG420 – 203 Nylon 6 Resin – Black 20% Glass Filled Chips



### TYPICAL PROPERTIES

<b>Application</b>	<b>Injection Moulding</b>		
<b>Colour</b>	<b>Black</b>		
<b>Heat Stabilized</b>	<b>No</b>		
<b>Chopped Fibreglass</b>	<b>%</b>	<b>20</b>	
<b>Fibre Dimension</b>	<b>Length - mm</b>	<b>4</b>	
	<b>Diameter - micron</b>	<b>14</b>	
<b>Modified</b>	<b>No</b>		
<b>Moisture</b>	<b>% Max</b>	<b>0.1</b>	
<b>Chip Size</b>	<b>mm</b>	<b>2.55 – 3.99</b>	
<b>Mould Shrinkage</b>	<b>%</b>	<b>0.35</b>	<b>ASTM D955</b>
<b>Specific Gravity</b>		<b>1.28</b>	<b>ASTM D792</b>
<b>Tensile Strength</b>	<b>MPa</b>	<b>114</b>	<b>ASTM D638</b>
	<b>PSI</b>	<b>16,530</b>	
<b>Elongation</b>	<b>%</b>	<b>60</b>	<b>ASTM D638</b>
	<b>Flex Modulus</b>	<b>MPa</b>	<b>5,315</b>
	<b>PSI</b>	<b>770,730</b>	
<b>Flex Strength</b>	<b>MPa</b>	<b>168</b>	<b>ASTM D790</b>
	<b>PSI</b>	<b>24,395</b>	
<b>Notched Izod Impact</b>	<b>Ft.lb/in</b>	<b>1</b>	<b>ASTM D256</b>
<b>Deflection Temp.</b>	<b>0.45MPa / 66 PSI</b>	<b>-</b>	<b>ASTM D648</b>
	<b>1.82 MPa / 264 PSI</b>	<b>196 DegC</b>	
<b>Melt Temperature</b>		<b>220 DegC</b>	

*NON WARRANTY. The information presented in this publication is based upon the research and experience of Firestone and is to the best of its knowledge accurate; however, no guarantee of its accuracy is made. Since Firestone has no control over the conditions under which its products may be employed and since information as to the physiological and other properties of its products is incomplete, Firestone cannot guarantee the results obtained and assumes no liability whatsoever for possible damage or injury whether or not caused by following the suggestions in this brochure. Firestone will not be liable for resulting or consequential damage. Firestone warrants that none of its commercial products infringes the claims of any Canadian or United States patent but no license is granted nor recommendation made hereby to practice any invention covered by any patent owned by Firestone or by others.*



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