

Firestone

TEXTILES



Nylon 6

Typical Properties

<u>Parameter</u>		<u>C212-15C</u>	
Colour		Off White	
Heat Stabilized		Yes	
Modified		Yes	
Relative Viscosity	Sulfuric Acid	3.2	
	Formic Acid	82	
Moisture	% Max.	0.08	
Chip Size	mm	2 x 3.5	
Specific Gravity		1.13	ASTM D792
Tensile Strength	MPa	79.2	ASTM D638
	PSI	11,500	
Elongation	%	300	ASTM D412
Flex Modulus	MPa	2,585	ASTM D790
	PSI	375,000	
Flex Strength	MPa	97	ASTM D790
	PSI	14,000	
Notched Izod Impact	ft.lb/in.	0.9	ASTM D256
Deflection Temp.	@ 0.45 MPa / 66 PSI	180°C	ASTM D648
	@ 1.82 MPa / 264 PSI	65°C	
Melt Temperature		220°C	
Approvals		UL	

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