

Firestone

Nylon 6

Typical Properties

<u>Parameter</u>		<u>CL200-001</u>	
Applications		Injection molding	
Colour		Natural	
Heat Stabilized		No	
Modified		No	
Lubricated		Yes	
Relative Viscosity	Sulfuric Acid	3.2	
	Formic Acid	82	
Moisture	% Max.	0.08	
Chip Size	mm	2 x 3.5	
Mold Shrinkage	%	1.3	ASTM D955
Specific Gravity		1.13	ASTM D792
Tensile Strength	MPa	83	ASTM D638
	PSI	11,800	
Elongation	%	60	ASTM D638
Flex Modulus	MPa	2,758	ASTM D790
	PSI	400,000	
Flex Strength	MPa	103	ASTM D790
	PSI	15,000	
Notched Izod Impact	ft.lb/in.	1	ASTM D256
Deflection Temp.	@ 0.45 MPa / 66 PSI	180°C	ASTM D648
	@ 1.82 MPa / 264 PSI	65°C	
Melt Temperature		220°C	

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