

### Product Information

#### Product Characteristics

- High Tenacity
- Suitable for Monofilament and Yarn
- FDA 21 CFR 177.1520 Compliant

Properties	Test Method	Unit	Typical Values	
<b>Physical Properties<sup>1</sup></b>				
Melt Flow Rate (190°C @ 2.16 Kg)	ASTM D 1238	g/10 min	0.8	
Density	ASTM D 1505	g/cm <sup>3</sup>	0.954	
Hardness	ASTM D 785	D Scale	65	
<b>Mechanical Properties<sup>1</sup></b>				
Tensile Strength at Yield	ASTM D 638	kg/cm <sup>2</sup>	270	
Tensile Strength at Break	ASTM D 638	kg/cm <sup>2</sup>	390	
Elongation at Break	ASTM D 638	%	1200	
Flexural Modulus	ASTM D 790	kg/cm <sup>2</sup>	10,000	
Notched Izod @ 23°C	ASTM D 256	kg-cm/cm	17	
<b>Thermal Properties<sup>1</sup></b>				
Brittleness Temperature	ASTM D 746	°C	<-60	
Vicat Softening Point	ASTM D 1525	°C	126	
Heat Distortion Temperature				
	4.6 kg/cm <sup>2</sup>	ASTM D 648	°C	-
	18.5 kg/cm <sup>2</sup>	ASTM D 648	°C	-
Flammability	UL 94	-	-	

<sup>1</sup> Typical Properties; not to be construed as specifications. The data is intended as a general guideline only and does not necessarily represent the results that may be obtained otherwise.

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