

### Product Information

#### Product Characteristics

- Homopolymer suitable for Monofilament and Flat Yarn
- High Mechanical Properties
- FDA 21 CFR 177.1520

Properties	Test Method	Unit	Typical Values	
<b>Physical Properties<sup>1</sup></b>				
Melt Flow Rate (230°C @ 2.16 Kg)	ASTM D 1238	g/10 min	2.4	
Density	ASTM D 1505	g/cm <sup>3</sup>	0.910	
Rockwell Hardness	ASTM D 785	R-Scale	85	
Gloss	ASTM D 2457	%	65	
<b>Mechanical Properties<sup>1</sup></b>				
Tensile Strength at Yield	ASTM D 638	kg/cm <sup>2</sup>	320	
Tensile Strength at Break	ASTM D 638	kg/cm <sup>2</sup>	250	
Elongation at Break	ASTM D 638	%	650	
Flexural Modulus	ASTM D 790	kg/cm <sup>2</sup>	14,250	
Notched Izod Impact	ASTM D 256	kg-cm/cm	4.2	
<b>Thermal Properties<sup>1</sup></b>				
Vicat Softening Point	ASTM D 1525	°C	155	
Heat Distortion Temperature				
	4.6 kg/cm <sup>2</sup>	ASTM D 648	°C	110
	18.5 kg/cm <sup>2</sup>	ASTM D 648	°C	60
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.