

Product Information

Product Characteristics

- Homopolymer
- Suitable for monofilament and flat yarn products
- FDA 21 CFR 177.1520

Properties	Test Method	Unit	Typical Values	
Physical Properties¹				
Melt Flow Rate (230°C @ 2.16 Kg)	ASTM D 1238	g/10 min	3.5	
Density	ASTM D 1505	g/cm ³	0.910	
Rockwell Hardness	ASTM D 785	R-Scale	85	
Gloss	ASTM D 2457	%	65	
Mechanical Properties¹				
Tensile Strength at Yield	ASTM D 638	kg/cm ²	320	
Tensile Strength at Break	ASTM D 638	kg/cm ²	250	
Elongation at Break	ASTM D 638	%	650	
Flexural Modulus	ASTM D 790	kg/cm ²	13,500	
Notched Izod Impact	ASTM D 256	kg-cm/cm	4	
Thermal Properties¹				
Vicat Softening Point	ASTM D 1525	°C	155	
Heat Distortion Temperature				
	4.6 kg/cm ²	ASTM D 648	°C	110
	18.5 kg/cm ²	ASTM D 648	°C	60
Flammability	UL 94	-	-	

¹ 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.