

Product Texts

For high tenacity yarn applications.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	28	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	216	kg	-

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	35	MPa	ASTM D 638
Tensile Strength at Break	15.8	MPa	ASTM D 638
Elongation at Yield	10.6	%	ASTM D 638
Elongation at Break	110	%	ASTM D 638
Rockwell Hardness	R 101	-	ASTM D 785

Thermal properties

	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	103	°C	ASTM D 648

Optical properties

	Value	Unit	Test Standard
ASTM Data			
Gloss	93	-	ASTM D 2457

Other properties

	Value	Unit	Test Standard
Density	909	kg/m ³	ASTM D 792

Characteristics**Features**

Homopolymer

Regional Availability

North America

Certifications

Food contact, Food approval FDA 21 CFR