

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	31.4	MPa	ASTM D 638
Tensile Strength at Break	24.5	MPa	ASTM D 638
Elongation at Break	650	%	ASTM D 638
Flexural Modulus	1324	MPa	ASTM D 790
Rockwell Hardness	R 85	-	ASTM D 785
Izod Impact notched, 1/8 in	37.7	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	14.9	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ASTM Data			
DTUL @ 66 psi	110	°C	ASTM D 648
DTUL @ 264 psi	60	°C	ASTM D 648
Melting Temperature	163	°C	ASTM D 3418
Vicat Temperature	155	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	65	-	ASTM D 2457
Haze	50	%	ASTM D 1003
Other properties			
Density	910	kg/m ³	ASTM D 792

Characteristics

Delivery form

Pellets

Applications

Monofilament

Features

Homopolymer

Regional Availability

Asia Pacific

Certifications

Food contact, Food approval FDA 21 CFR