

Product Texts

Extrusion of continuous filament yarn, continuous bulked filament yarn and staple fiber.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	19	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	37.2	MPa	ASTM D 638
Tensile Strength at Break	34.1	MPa	ASTM D 638
Elongation at Yield	8.9	%	ASTM D 638
Elongation at Break	22.9	%	ASTM D 638
Rockwell Hardness	R 105	-	ASTM D 785

Thermal properties

	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	109	°C	ASTM D 648

Optical properties

	Value	Unit	Test Standard
ASTM Data			
Gloss	95	-	ASTM D 2457
Haze	79	%	ASTM D 1003

Other properties

	Value	Unit	Test Standard
Density	910	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion

Features

Color Stability, Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America