

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	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	19.6	MPa	ASTM D 638
Elongation at Break	650	%	ASTM D 638
Flexural Modulus	1422	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	28.3	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	110	°C	ASTM D 648
DTUL @ 264 psi	65	°C	ASTM D 648
Melting Temperature	163	°C	ASTM D 3418
Vicat Temperature	155	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	51	-	ASTM D 2457
Haze	47	%	ASTM D 1003
Other properties			
Density	910	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

General Purpose

Regional Availability

Asia Pacific