

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	Value	Unit	Test Standard
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	1520	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	28.3	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	18.9	J/m	ASTM D 256
Temperature	0	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
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	Value	Unit	Test Standard
ASTM Data			
Gloss	51	-	ASTM D 2457
Haze	47	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
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

Regional Availability

Asia Pacific