

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			
ISO Data			
Tensile Modulus	1550	MPa	ISO 527
Yield stress	35	MPa	ISO 527
Yield strain	13	%	ISO 527
Stress at break	26	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Charpy impact strength, +23°C	110	kJ/m ²	ISO 179/1eU
Izod notched impact strength, +23°C	3.9	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	91	°C	ISO 75-1/-2
Vicat softening temperature, A	152	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Features

Homopolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

Applications

General Purpose

Regional Availability

Near East/Africa