

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	32	MPa	ISO 527
Yield strain	13	%	ISO 527
Stress at break	23	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Izod notched impact strength, +23°C	4.1	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	94	°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, Other Extrusion

Features

Homopolymer

Certifications

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

Regional Availability

Near East/Africa