

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			
Tensile Modulus	1150	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Yield strain	11	%	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1200	MPa	ISO 178
Charpy impact strength, +23°C	200	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5.4	kJ/m ²	ISO 180/1A
Ball indentation hardness	60	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	76	°C	ISO 75-1/-2
Vicat softening temperature, A	130	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Optical properties			
ASTM Data			
Haze	6	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding, Other Extrusion

Special Characteristics

Anti-static, Transparent

Features

Nucleated, Copolymer, Random Copolymer

Certifications

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

Applications

Automotive, Sports Equipment

Regional Availability

Near East/Africa