

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	40	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1000	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Yield strain	12	%	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Izod notched impact strength, +23°C	5.4	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	73	°C	ISO 75-1/-2
Vicat softening temperature, A	125	°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

Special Characteristics

Anti-static, Transparent

Features

Low Odor, Nucleated, Copolymer, Random Copolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR, Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved

Applications

Medical

Regional Availability

Near East/Africa