

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2000	MPa	ISO 527
Yield stress	40	MPa	ISO 527
Yield strain	7	%	ISO 527
Strain at break	20	%	ISO 527
Charpy impact strength, +23°C	115	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	16	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.3	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	2	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	2.8	kJ/m ²	ISO 180/1A
Izod notched impact strength	1.8	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Ball indentation hardness	93	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	65	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	110	°C	ISO 75-1/-2
Vicat softening temperature, A	158	°C	ISO 306
Vicat softening temperature, B	102	°C	ISO 306
Optical properties			
ASTM Data			
Haze	72	%	ASTM D 1003
Other properties			
Density	910	kg/m ³	ISO 1183

Characteristics

Delivery form

Pellets

Features

Low Odor, Nucleated, Homopolymer

Certifications

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

Regional Availability

Europe, Asia Pacific, Near East/Africa