

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5.4	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	34	MPa	ISO 527
Yield strain	8	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Charpy notched impact strength, +23°C	4.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	57	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	88	°C	ISO 75-1/-2
Vicat softening temperature, B	90	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Zone 1	180 - 200	°C	-
Zone 2	210 - 230	°C	-
Zone 3	240 - 260	°C	-
Zone 4	250	°C	-
Nozzle temperature	240	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Zone 1	190 - 210	°C	-
Zone 2	210 - 230	°C	-
Zone 3	230 - 250	°C	-
Zone 4	230 - 250	°C	-
Nozzle temperature	250	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Natural Color

Features

Homopolymer

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR

Applications

General Purpose

Regional Availability

Near East/Africa