

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	50	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	32	MPa	ISO 527
Yield strain	8.5	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Charpy notched impact strength, +23°C	2.3	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, B	84	°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	190	°C	-
Zone 2	220 - 240	°C	-
Zone 3	220 - 260	°C	-
Zone 4	260	°C	-
Nozzle temperature	240	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Zone 1	180 - 200	°C	-
Zone 2	200 - 250	°C	-
Zone 3	250 - 270	°C	-
Zone 4	270	°C	-
Nozzle temperature	220 - 240	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion, Coating

Delivery form

Natural Color

Features

Nucleated, Homopolymer

Certifications

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

Applications

Packaging

Regional Availability

Near East/Africa