

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	18	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	5	kg	-
Melt flow index, MFI	19	g/10min	ISO 1133
Temperature	230	°C	-
Load	5	kg	-
Molding shrinkage, parallel	3.0	%	ISO 294-4, 2577
Molding shrinkage, normal	1.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	185	MPa	ISO 527
Tensile Strength	10	MPa	ISO 527
Strain at break	120	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	109	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	-100	°C	ISO 11357-1/-2

Other properties	Value	Unit	Test Standard
Density	1260	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	200 - 240	°C	-
Mold temperature	40	°C	-
Zone 1	200 - 240	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Features

Metal Detectable

Chemical Resistance

Radiation Resistance

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America, Europe, Asia Pacific, South and Central America