

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1550	MPa	ISO 527
Tensile Strength	29	MPa	ISO 527
Strain at break	35	%	ISO 527
Charpy impact strength, +23°C	52	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	13	°C	ISO 11357-1/-2

Other properties	Value	Unit	Test Standard
Density	1060	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 100	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.1	%	-
Melt temperature	230 - 250	°C	-
Mold temperature	40 - 100	°C	-
Zone 1	200 - 260	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Features

Metal Detectable

Chemical Resistance

Radiation Resistance

Certifications

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

Regional Availability

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