

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	37	g/10min	ISO 1133
Temperature	280	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2870	MPa	ISO 527
Tensile Strength	62	MPa	ISO 527
Strain at break	17.5	%	ISO 527
Flexural modulus, 23°C	2470	MPa	ISO 178
Flexural strength	91	MPa	ISO 178
Charpy impact strength, +23°C	135	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	60	°C	ISO 11357-1/-2
Other properties			
Density	1270	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 5	h	-
Processing humidity	≤0.1	%	-
Melt temperature	250 - 290	°C	-
Mold temperature	80 - 140	°C	-
Zone 1	240 - 290	°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