

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	4300	MPa	ISO 527
Tensile Strength	96	MPa	ISO 527
Yield stress	96	MPa	ISO 527
Yield strain	4.5	%	ISO 527
Stress at break	80	MPa	ISO 527
Strain at break	14	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	343	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	143	°C	ISO 11357-1/-2
Electrical properties			
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Other properties			
Density	1440	kg/m ³	ISO 1183
Bulk density	800	kg/m ³	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	140 - 160	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	390 - 400	°C	-
Mold temperature	180 - 210	°C	-
Zone 1	360 - 400	°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