

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	28	g/10min	ISO 1133
Temperature	280	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Tensile Strength	54	MPa	ISO 527
Strain at break	16	%	ISO 527
Charpy impact strength, +23°C	87	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	72	°C	ISO 11357-1/-2
Temp. of deflection under load, 0.45 MPa	215	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Other properties			
Density	1390	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
Melt temperature	290 - 310	°C	-
Mold temperature	90 - 150	°C	-
Zone 1	260 - 310	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

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