

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	140	g/10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Yield stress	65	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1850	MPa	ISO 178
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	205	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	40	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	140	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)
Electrical properties			
ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Optical properties			
ISO Data			
Haze	3	-	ISO 14782
Luminous transmittance	78	%	ISO 13468-1, -2
Other properties			
Density	1140	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	70	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	205 - 230	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe