

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.3	%	ISO 294-4, 2577
Molding shrinkage, normal	1.5	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2080	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	52.5	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	17.5	kJ/m ²	ISO 180/1A
	-30	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB	class	IEC 60695-11-10
	1.6	mm	-
Burning behav. at thickness h Thickness tested	HB	class	IEC 60695-11-10
	0.8	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Comparative tracking index	600	-	IEC 60112
Other properties			
Value			
Density	1070	kg/m ³	ISO 1183
Moisture Content	0.2	%	-
Processing Recommendation Injection Molding			
Value			
Pre-drying - Temperature	90 - 100	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.2	%	-
Melt temperature	230 - 250	°C	-
Mold temperature	60 - 100	°C	-
Zone 1	220 - 240	°C	-
Zone 2	220 - 240	°C	-
Zone 3	220 - 240	°C	-
Nozzle temperature	210 - 230	°C	-
Back pressure	50 - 100	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Special Characteristics

High impact or impact modified

Regional Availability

Europe, Near East/Africa