

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9500	MPa	ISO 527
Stress at break	125	MPa	ISO 527
Izod notched impact strength, +23°C	6.5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	160	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Other properties			
Density	1630	kg/m ³	ISO 1183
Moisture Content	0.2	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	180 - 220	°C	-
Mold temperature	50 - 90	°C	-
Zone 1	160 - 180	°C	-
Zone 2	180 - 200	°C	-
Zone 3	190 - 200	°C	-
Nozzle temperature	190 - 200	°C	-
Back pressure	0.1 - 0.5	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe, Near East/Africa