

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	5500	MPa	ISO 527
Stress at break	105	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Izod notched impact strength, +23°C	11	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	140	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	145	°C	ISO 75-1/-2
Vicat softening temperature, B	145	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Other properties			
Density	1330	kg/m ³	ISO 1183
Moisture Content	0.1	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	90 - 120	°C	-
Pre-drying - Time	4 - 7	h	-
Melt temperature	270 - 300	°C	-
Mold temperature	70 - 120	°C	-
Zone 1	280 - 290	°C	-
Zone 2	270 - 280	°C	-
Zone 3	260 - 270	°C	-
Nozzle temperature	280 - 290	°C	-
Back pressure	0.34 - 0.69	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Regional Availability

Europe, Near East/Africa