

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	12000	MPa	ISO 527
Stress at break	130	MPa	ISO 527
Strain at break	1.75	%	ISO 527
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	255	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	215	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-0	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	1E14	Ohm	IEC 62631-3-2
Comparative tracking index	200	-	IEC 60112
Other properties			
Density	1720	kg/m ³	ISO 1183
Moisture Content	0.08	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	110 - 120	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.015	%	-
Melt temperature	270 - 290	°C	-
Mold temperature	130 - 140	°C	-
Zone 1	270 - 280	°C	-
Zone 2	270 - 290	°C	-
Zone 3	270 - 290	°C	-
Nozzle temperature	270 - 290	°C	-
Back pressure	3 - 10	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Regional Availability

Europe, Near East/Africa