

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Stress at break	35	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Izod notched impact strength, +23°C	9.5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
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	1E15	Ohm	IEC 62631-3-2
Comparative tracking index	225	-	IEC 60112
Other properties			
Density	1220	kg/m ³	ISO 1183
Moisture Content	0.1	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	200 - 230	°C	-
Mold temperature	60 - 80	°C	-
Zone 1	200 - 230	°C	-
Zone 2	200 - 230	°C	-
Zone 3	200 - 230	°C	-
Nozzle temperature	200	°C	-
Back pressure	0.1 - 0.5	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Special Characteristics

Flame retardant, High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

Europe, Near East/Africa