

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	5500	MPa	ISO 527
Stress at break	80	MPa	ISO 527
Izod notched impact strength, +23°C	10	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	80	°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	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Comparative tracking index	500	-	IEC 60112
Other properties			
Density	1350	kg/m ³	ISO 1183
Moisture Content	0.2	%	-
Processing Recommendation Injection Molding			
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

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets, Black

Regional Availability

Europe, Near East/Africa