

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.4	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	8250	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	2.3	%	ISO 527
Izod notched impact strength, +23°C	13.5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
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	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	1410	kg/m <sup>3</sup>	ISO 1183
Moisture Content	0.1	%	-
<b>Processing Recommendation Injection Molding</b>			
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