

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	1.6	%	ISO 294-4, 2577
Molding shrinkage, normal	1.8	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	3250	MPa	ISO 527
Stress at break	47.5	MPa	ISO 527
Izod notched impact strength, +23°C	6.5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	120	°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	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	1520	kg/m <sup>3</sup>	ISO 1183
Moisture Content	0.2	%	-
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	180 - 220	°C	-
Mold temperature	50 - 90	°C	-
Zone 1	160 - 180	°C	-
Zone 2	180 - 200	°C	-
Zone 3	190 - 200	°C	-
Nozzle temperature	190 - 200	°C	-
Back pressure	0.1 - 0.5	MPa	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

Europe, Near East/Africa

### Delivery form

Pellets, Natural Color