

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	7000	MPa	ISO 527
Tensile Strength	110	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	6200	MPa	ISO 178
Flexural strength	155	MPa	ISO 178
Izod impact strength, +23°C	60	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	11	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength Temperature	8 -40	kJ/m <sup>2</sup> °C	ISO 180/1A -
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	195	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	37	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Glow Wire Flammability Index (GWFI)	750	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.6	mm	-
Glow Wire Ignition Temperature (GWIT)	750	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1.6	mm	-
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Surface Resistivity	1000000	Ohm	ASTM D 257
<b>Other properties</b>			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1310	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 5	h	-
Processing humidity	≤0.1	%	-
Melt temperature	250 - 270	°C	-
Mold temperature	40 - 80	°C	-
Back pressure	0 - 1	MPa	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

Europe

### Special Characteristics

Increased electrical conductivity