

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	65	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	2800	MPa	ISO 178
Flexural strength	90	MPa	ISO 178
Izod impact strength, +23°C	95	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	8	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	130	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	63	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.6	mm	-
Glow Wire Ignition Temperature (GWIT)	960	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1.6	mm	-
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Surface Resistivity	1E7	Ohm	ASTM D 257
Volume Resistivity	1E8	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Water absorption	0.3	%	Sim. to ISO 62
Humidity absorption	0.1	%	Sim. to ISO 62
Density	1300	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Special Characteristics

Increased electrical conductivity, Flame retardant

### Regional Availability

Europe