

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	180	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Flexural modulus, 23°C	13500	MPa	ISO 178
Flexural strength	280	MPa	ISO 178
Izod impact strength, +23°C	35	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	260	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	24	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	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	-
Electrical properties			
ASTM Data			
Surface Resistivity	1000000	Ohm	ASTM D 257
Volume Resistivity	1E7	Ohm*cm	ASTM D 257
Other properties			
Water absorption	0.05	%	Sim. to ISO 62
Humidity absorption	0.03	%	Sim. to ISO 62
Density	1600	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Increased electrical conductivity

Regional Availability

Europe