

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	7800	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Charpy impact strength, +23°C	23	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	23	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	7	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	222	MPa	ISO 2039-1
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	240	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	70	°C	ISO 75-1/-2
Vicat softening temperature, B	210	°C	ISO 306
Coeff. of linear therm. expansion, parallel	30	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Glow Wire Flammability Index (GWFI)	750	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Relative permittivity, 100Hz	4.3	-	IEC 62631-2-1
Relative permittivity, 1MHz	4	-	IEC 62631-2-1
Volume resistivity	1E14	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Electric strength	30	kV/mm	IEC 60243-1
Comparative tracking index	250	-	IEC 60112
<b>Other properties</b>			
Water absorption	0.45	%	Sim. to ISO 62
Density	1500	kg/m <sup>3</sup>	ISO 1183
<b>Material specific properties</b>			
<b>ISO Data</b>			
Viscosity number	63	cm <sup>3</sup> /g	ISO 307, 1157, 1628

## Characteristics

### Regional Availability

North America, Europe