

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>4800 / 2650</b>	MPa	ISO 527
Stress at break	<b>90 / 70</b>	MPa	ISO 527
Strain at break	<b>8 / 10</b>	%	ISO 527
Charpy impact strength, +23°C	<b>30 / 45</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	<b>22 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>3 / 6</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>2 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>262 / *</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>105 / *</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>190 / *</b>	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6 / *</b>	mm	-
Burning behav. at thickness h	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8 / *</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Relative permittivity, 1MHz	<b>3.6 / 5.1</b>	-	IEC 62631-2-1
Dissipation factor, 1MHz	<b>250 / 2000</b>	E-4	IEC 62631-2-1
Volume resistivity	<b>1E13 / 1E10</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>* / 1E10</b>	Ohm	IEC 62631-3-2
Electric strength	<b>50 / 30</b>	kV/mm	IEC 60243-1
Comparative tracking index	<b>500 / -</b>	-	IEC 60112
<b>Other properties</b>			
Water absorption	<b>6 / *</b>	%	Sim. to ISO 62
Humidity absorption	<b>2 / *</b>	%	Sim. to ISO 62
Density	<b>1350 / -</b>	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa