

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	<b>8800 / 8500</b>	MPa	ISO 527
Stress at break	<b>175 / 165</b>	MPa	ISO 527
Strain at break	<b>3 / 3</b>	%	ISO 527
Charpy impact strength, +23°C	<b>80 / 85</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>10 / 11</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>295 / *</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>260 / *</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>270 / *</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>1.5 / *</b>	mm	-
Burning behav. at thickness h	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8 / *</b>	mm	-

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	<b>1E11 / 1E11</b>	Ohm*m	IEC 62631-3-1
Comparative tracking index	<b>600 / -</b>	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	<b>5 / *</b>	%	Sim. to ISO 62
Humidity absorption	<b>1.5 / *</b>	%	Sim. to ISO 62
Density	<b>1400 / -</b>	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Processing humidity	<b>≤0.05</b>	%	-
Melt temperature	<b>320 - 350</b>	°C	-
Mold temperature	<b>70 - 100</b>	°C	-

## Characteristics

### Processing

Injection Molding

### Special Characteristics

Heat stabilized or stable to heat

### Regional Availability

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