

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	7500 / 5200	MPa	ISO 527
Tensile Strength	125 / 85	MPa	ISO 527
Strain at break	4.5 / 15	%	ISO 527
Flexural modulus, 23°C	6500 / -	MPa	ISO 178
Charpy impact strength, +23°C	85 / 105	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	22 / 42	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	223 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	180 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	200 / *	°C	ISO 306
Coeff. of linear therm. expansion, parallel	20 / *	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	3.0 / *	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Relative permittivity, 1MHz	4 / 7	-	IEC 62631-2-1
Dissipation factor, 1MHz	250 / 2000	E-4	IEC 62631-2-1
Volume resistivity	1E13 / 1E10	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E10	Ohm	IEC 62631-3-2
Electric strength	40 / 35	kV/mm	IEC 60243-1
Comparative tracking index	550 / -	-	IEC 60112
<b>Other properties</b>			
Humidity absorption	2 / *	%	Sim. to ISO 62
Density	1300 / -	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

### Regional Availability

Europe