

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Thermal conductivity of melt	0.4	W/(m K)	-
Spec. heat capacity of melt	1400	J/(kg K)	-
<b>Mechanical properties</b>			
	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	205 / 130	MPa	ISO 527
Strain at break	3 / 3	%	ISO 527
Flexural modulus, 23°C	13800 / 8100	MPa	ISO 178
Flexural modulus	7100 / 5000	MPa	ISO 178
Flexural modulus temperature	80	°C	-
Charpy impact strength, +23°C	100 / 120	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	18.5 / 23	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 121	-	ISO 2039-2
<b>Thermal properties</b>			
	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	225 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	225 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	25 / *	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
<b>Electrical properties</b>			
	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Relative permittivity, 1MHz	4.2 / 4.5	-	IEC 62631-2-1
Dissipation factor, 1MHz	300 / 600	E-4	IEC 62631-2-1
Volume resistivity	1E13 / 1E10	Ohm*m	IEC 62631-3-1
Electric strength	19 / 15	kV/mm	IEC 60243-1
<b>Other properties</b>			
	dry / cond	Unit	Test Standard
Water absorption	5.3 / *	%	Sim. to ISO 62
Density	1500 / -	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Regional Availability

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