

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Strength	95 / 55	MPa	ISO 527
Strain at break	2.5 / 2.5	%	ISO 527
Flexural modulus, 23°C	5800 / 2300	MPa	ISO 178
Flexural modulus	1800 / -	MPa	ISO 178
Flexural modulus temperature	80	°C	-
Charpy impact strength, +23°C	45 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5 / 7	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 119	-	ISO 2039-2

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	225 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	203 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	80 / *	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	3.8 / -	-	IEC 62631-2-1
Dissipation factor, 1MHz	200 / -	E-4	IEC 62631-2-1
Volume resistivity	1E13 / 1E10	Ohm*m	IEC 62631-3-1
Electric strength	21 / -	kV/mm	IEC 60243-1

Other properties	dry / cond	Unit	Test Standard
Water absorption	5.8 / *	%	Sim. to ISO 62
Density	1510 / -	kg/m ³	ISO 1183

Characteristics

Regional Availability

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