

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Strength	80 / 45	MPa	ISO 527
Strain at break	7.5 / 37	%	ISO 527
Flexural modulus, 23°C	3500 / 1200	MPa	ISO 178
Flexural modulus	1000 / -	MPa	ISO 178
Flexural modulus temperature	80	°C	-
Charpy impact strength, +23°C	120 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4.5 / 21.5	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 120	-	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	207 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	5.2 / -	-	IEC 62631-2-1
Dissipation factor, 1MHz	800 / -	E-4	IEC 62631-2-1
Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
Electric strength	30 / -	kV/mm	IEC 60243-1

Other properties	dry / cond	Unit	Test Standard
Water absorption	9.5 / *	%	Sim. to ISO 62
Density	1180 / -	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Flame retardant

Regional Availability

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