

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8500	MPa	ISO 527
Stress at break	160	MPa	ISO 527
Strain at break	3.5	%	ISO 527
Charpy impact strength, +23°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215	°C	ISO 75-1/-2
Vicat softening temperature, B	200	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	7.5	%	Sim. to ISO 62
Humidity absorption	2.2	%	Sim. to ISO 62
Density	1320	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe