

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3100	MPa	ISO 527
Yield stress	80	MPa	ISO 527
Yield strain	4	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	190	°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	9.5	%	Sim. to ISO 62
Humidity absorption	3	%	Sim. to ISO 62
Density	1130	kg/m ³	ISO 1183

Characteristics

Regional Availability

Europe