

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	160	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	8000	MPa	ISO 178
Flexural modulus	8500	MPa	ISO 178
Flexural modulus temperature	-40	°C	-
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 120	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	265	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	240	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	262	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	25	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
Water absorption	5	%	Sim. to ISO 62
Density	1430	kg/m ³	ISO 1183

Characteristics

Regional Availability

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