

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3200	MPa	ISO 527
Tensile Strength	51	MPa	ISO 527
Strain at break	9	%	ISO 527
Flexural modulus, 23°C	2900	MPa	ISO 178
Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5.4	kJ/m ²	ISO 179/1eA
Izod impact strength, +23°C	21	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	4.2	kJ/m ²	ISO 180/1A
Shore D hardness	80	-	ISO 7619-1
Ball indentation hardness	98	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	176	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	96	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	157	°C	ISO 75-1/-2
Vicat softening temperature, A	179	°C	ISO 306
Vicat softening temperature, B	166	°C	ISO 306
Coeff. of linear therm. expansion -40°C to +100°C, parallel	179	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion -40°C to +100°C, normal	21.3	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ISO 1183

Characteristics

Regional Availability

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