

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Stress at break	59	MPa	ISO 527
Strain at break	14.5	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Flexural modulus	3500	MPa	ISO 178
Flexural modulus temperature	-30	°C	-
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	40	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	20	kJ/m <sup>2</sup>	ISO 179/1eA
Abrasion resistance	78	mm <sup>3</sup>	ISO 4649
Shore D hardness	67	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	119	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	156	°C	ISO 75-1/-2
Vicat softening temperature, B	94	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1300	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Processing

Injection Molding

### Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

### Features

Acoustical Barrier Properties, Fungus Resistance

### Chemical Resistance

Hydrolytically Stable

### Applications

Sports Equipment

### Regional Availability

Europe