

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	5000	MPa	ISO 527
Yield stress	85	MPa	ISO 527
Yield strain	3.2	%	ISO 527
Stress at break	83	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	4000	MPa	ISO 178
Charpy impact strength, +23°C	50	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	60	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	17	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	12	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	45	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	18	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength Temperature	12	kJ/m <sup>2</sup>	ISO 180/1A
	-40	°C	-
Ball indentation hardness	101	MPa	ISO 2039-1
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	175	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	205	°C	ISO 75-1/-2
Vicat softening temperature, B	185	°C	ISO 306
Coeff. of linear therm. expansion, parallel	40	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	180	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	550	-	IEC 60112
<b>Other properties</b>			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	1.4	%	Sim. to ISO 62
Density	1200	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Processing

Injection Molding, Other Extrusion

### Features

Low Odor

### Delivery form

Pellets

### Regional Availability

Europe

### Special Characteristics

High impact or impact modified