

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	3400	MPa	ISO 527
Yield stress	80	MPa	ISO 527
Yield strain	4.8	%	ISO 527
Stress at break	78	MPa	ISO 527
Strain at break	9	%	ISO 527
Flexural modulus, 23°C	3300	MPa	ISO 178
Charpy impact strength, +23°C	100	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	70	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	3	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	3	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	4	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	3	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-40	°C	-
Rockwell hardness	R 118	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	90	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2
Vicat softening temperature, B	247	°C	ISO 306
Coeff. of linear therm. expansion, parallel	85	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	85	E-6/K	ISO 11359-1/-2
Oxygen index	29	%	ISO 4589-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.75	mm	-

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Electric strength	15	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	7.5	%	Sim. to ISO 62
Humidity absorption	1.1	%	Sim. to ISO 62
Density	1170	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Processing

Injection Molding, Other Extrusion

### Delivery form

Pellets

### Special Characteristics

Flame retardant

### Features

Low Odor

### Regional Availability

Europe