

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	20000	MPa	ISO 527
Stress at break	230	MPa	ISO 527
Strain at break	1.9	%	ISO 527
Flexural modulus, 23°C	20000	MPa	ISO 178
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	95	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	700	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	17	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	1.5	mm	-
Oxygen index	32	%	ISO 4589-1/-2

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Electric strength	29	kV/mm	IEC 60243-1
Comparative tracking index	400	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1750	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	0.5 - 1.5	h	-
Melt temperature	270	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 290	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Black, Natural Color

### Special Characteristics

Flame retardant

### Features

Creep Resistance

### Chemical Resistance

General Chemical Resistance

### Applications

Aircraft and Aerospace, Automotive, Electrical and Electronical

### Regional Availability

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