

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	<b>20000</b>	MPa	ISO 527
Stress at break	<b>235</b>	MPa	ISO 527
Strain at break	<b>1.8</b>	%	ISO 527
Flexural modulus, 23°C	<b>18500</b>	MPa	ISO 178
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	<b>90</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>720</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>220</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>17</b>	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Oxygen index	<b>25</b>	%	ISO 4589-1/-2
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>1E11</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>28</b>	kV/mm	IEC 60243-1
Comparative tracking index	<b>600</b>	-	IEC 60112
<b>Other properties</b>			
Density	<b>1640</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>120</b>	°C	-
Pre-drying - Time	<b>0.5 - 1.5</b>	h	-
Melt temperature	<b>280</b>	°C	-
Mold temperature	<b>120 - 140</b>	°C	-
Zone 1	<b>250 - 260</b>	°C	-
Zone 2	<b>260 - 290</b>	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Black

### Special Characteristics

Heat stabilized or stable to heat

### Features

Creep Resistance

### Chemical Resistance

General Chemical Resistance

### Regional Availability

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