

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	20000 / 20000	MPa	ISO 527
Stress at break	280 / 260	MPa	ISO 527
Strain at break	1.9 / 2.2	%	ISO 527
Flexural modulus, 23°C	19000 / -	MPa	ISO 178
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	110 / -	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	850 / -	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	230 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	15 / *	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Oxygen index	25 / *	%	ISO 4589-1/-2
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E11 / -	Ohm*m	IEC 62631-3-1
Electric strength	31 / -	kV/mm	IEC 60243-1
Comparative tracking index	570 / -	-	IEC 60112
<b>Other properties</b>			
Density	1640 / -	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	0.5 - 1.5	h	-
Melt temperature	280	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 290	°C	-
Nozzle temperature	260 - 290	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Black, Natural Color

### Features

Creep Resistance

### Chemical Resistance

General Chemical Resistance, Radiation Resistance

### Applications

Automotive, General Purpose, Medical, Sports Equipment

### Regional Availability

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