

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.4	%	ISO 294-4, 2577
Thermal conductivity of melt	0.26	W/(m K)	-
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.004	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	130	MPa	ISO 527
Flexural modulus, 23°C	11000	MPa	ISO 178
Izod impact strength, +23°C	35	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Strength	131	MPa	ASTM D 638
Compressive Strength	193	MPa	ASTM D 695
Flexural Modulus	12410	MPa	ASTM D 790
Flexural Strength	200	MPa	ASTM D 790
Izod Impact notched, 1/8 in	69.4	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	534	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	255	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	20	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	50	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 264 psi	254	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	19.7	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.009	-	ASTM D 150
Dielectric Constant, 1 MHz	4	-	ASTM D 150
Volume Resistivity	1E15	Ohm*cm	ASTM D 257
Arc Resistance	120	s	ASTM D 495
<b>Other properties</b>			
Density	1700	kg/m <sup>3</sup>	ISO 1183
Water Absorption, 24hr	0.03	%	ASTM D 570
Density	1700	kg/m <sup>3</sup>	ASTM D 792

## Characteristics

### Delivery form

Pellets, Black

### Features

Low Odor

### Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

### Regional Availability

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