

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577
Thermal conductivity of melt	0.28	W/(m K)	-
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	110	MPa	ISO 527
Flexural modulus, 23°C	7000	MPa	ISO 178
Izod impact strength, +23°C	50	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	15	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Strength	117	MPa	ASTM D 638
Compressive Strength	103	MPa	ASTM D 695
Flexural Modulus	8274	MPa	ASTM D 790
Flexural Strength	172	MPa	ASTM D 790
Izod Impact notched, 1/8 in	160	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	801	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<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	120	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	254	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	21.7	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.015	-	ASTM D 150
Dielectric Constant, 1 MHz	3.4	-	ASTM D 150
Volume Resistivity	1E14	Ohm*cm	ASTM D 257
Arc Resistance	124	s	ASTM D 495

Other properties	Value	Unit	Test Standard
Density	1460	kg/m <sup>3</sup>	ISO 1183
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1460	kg/m <sup>3</sup>	ASTM D 792

## Characteristics

### Delivery form

Pellets, Natural Color

### Special Characteristics

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

### Features

Low Odor

### Regional Availability

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