

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.008	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	165	MPa	ASTM D 638
Flexural Modulus	8900	MPa	ASTM D 790
Flexural Strength	230	MPa	ASTM D 790
Izod Impact notched, 1/8 in	100	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 264 psi	235	°C	ASTM D 648
Melting Temperature	260	°C	ASTM D 3418
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	17.2	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.014	-	ASTM D 150
Dielectric Constant, 1 MHz	3.5	-	ASTM D 150
Surface Resistivity	1E14	Ohm	ASTM D 257
Volume Resistivity	1E14	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Density	1560	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4	h	-
Mold temperature	270 - 290	°C	-
Feed temperature	60 - 90	°C	-

## Characteristics

### Processing

Injection Molding, Other Extrusion

### Delivery form

Black

### Additives

Flame retarding agent

### Special Characteristics

Flame retardant, U.V. stabilized or stable to weather

### Regional Availability

North America, Europe, South and Central America