

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.0075	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	8970	MPa	ASTM D 638
Tensile Strength	52	MPa	ASTM D 638
Elongation at Break	1	%	ASTM D 638
Flexural Modulus	8970	MPa	ASTM D 790
Flexural Strength	83	MPa	ASTM D 790
Izod Impact notched, 1/8 in	69	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 66 psi	218	°C	ASTM D 648
DTUL @ 264 psi	193	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	7	kV/mm	ASTM D 149
Surface Resistivity	1E12	Ohm	ASTM D 257
<b>Other properties</b>			
Density	2030	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	110 - 130	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	240 - 270	°C	-
Mold temperature	75 - 95	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Black

### Special Characteristics

Flame retardant, Thermally Conductive

### Applications

Automotive, Electrical and Electronical, Encapsulation

### Regional Availability

Asia Pacific