

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
	dry / cond	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	70 / 45	MPa	ASTM D 638
Flexural Modulus	2700 / 1300	MPa	ASTM D 790
Flexural Strength	96 / 70	MPa	ASTM D 790
Rockwell Hardness	R 118 /	-	ASTM D 785
Taber Abrasion Resistance	5	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	145 / 400	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	100 / 130	J/m	ASTM D 256
Temperature	-40	°C	-
<b>Thermal properties</b>			
	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	215	°C	ASTM D 648
DTUL @ 264 psi	68	°C	ASTM D 648
<b>Electrical properties</b>			
	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Comparative tracking index	600 / 600	-	IEC 60112
<b>ASTM Data</b>			
Dielectric Strength, Short Time	21 / 14	kV/mm	ASTM D 149
Volume Resistivity	1E15 / 1E13	Ohm*cm	ASTM D 257
Arc Resistance	120 / 110	s	ASTM D 495
<b>Other properties</b>			
	Value	Unit	Test Standard
Water Absorption, 24hr	1.1	%	ASTM D 570
Water Absorption, Equilibrium	2.4	%	ASTM D 570
Density	1120	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 120	°C	-
Pre-drying - Time	3 - 5	h	-
Melt temperature	270 - 290	°C	-
Mold temperature	40 - 80	°C	-
Injection pressure	30 - 40	MPa	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America, Europe, Asia Pacific