

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	49	MPa	ASTM D 638
Elongation at Break	250	%	ASTM D 638
Flexural Modulus	1177	MPa	ASTM D 790
Flexural Strength	44.1	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/4 in	84.8	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	80	E-6/K	ASTM D 696
DTUL @ 66 psi	150	°C	ASTM D 648
DTUL @ 264 psi	50	°C	ASTM D 648
Melting Temperature	212	°C	ASTM D 3418
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	19	kV/mm	ASTM D 149
Dielectric Constant, 1 MHz	2.8	-	ASTM D 150
Volume Resistivity	1E17	Ohm*cm	ASTM D 257
Arc Resistance	195	s	ASTM D 495
<b>Other properties</b>			
Water Absorption, 24hr	1.7	%	ASTM D 570
Density	1130	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	65	°C	-
Pre-drying - Time	4 - 5	h	-
Melt temperature	215 - 250	°C	-
Mold temperature	60 - 80	°C	-
Zone 1	215 - 245	°C	-
Zone 2	215 - 245	°C	-
Zone 3	220 - 250	°C	-
Nozzle temperature	220 - 250	°C	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America, Europe, Asia Pacific, South and Central America

### Applications

Automotive