

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Break	68.7	MPa	ASTM D 638
Elongation at Break	12	%	ASTM D 638
Flexural Modulus	3924	MPa	ASTM D 790
Flexural Strength	98.1	MPa	ASTM D 790
Rockwell Hardness	R 117	-	ASTM D 785
Izod Impact notched, 1/4 in	75.4	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	55.1	E-6/K	ASTM D 696
DTUL @ 66 psi	190	°C	ASTM D 648
DTUL @ 264 psi	110	°C	ASTM D 648
Melting Temperature	220	°C	ASTM D 3418
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	22	kV/mm	ASTM D 149
Dielectric Constant, 1 MHz	4	-	ASTM D 150
Volume Resistivity	1E17	Ohm*cm	ASTM D 257
Arc Resistance	185	s	ASTM D 495
<b>Other properties</b>			
Water Absorption, 24hr	1	%	ASTM D 570
Density	1320	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	4 - 5	h	-
Melt temperature	250 - 280	°C	-
Mold temperature	60 - 80	°C	-
Zone 1	240 - 270	°C	-
Zone 2	245 - 275	°C	-
Zone 3	245 - 275	°C	-
Nozzle temperature	250 - 280	°C	-

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive

**Special Characteristics**

High impact or impact modified

**Regional Availability**

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