

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.07	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	16500	MPa	ASTM D 638
Tensile Strength	221	MPa	ASTM D 638
Elongation at Break	1.5	%	ASTM D 638
Compressive Modulus	9860	MPa	ASTM D 695
Compressive Strength	254	MPa	ASTM D 695
Flexural Modulus	19900	MPa	ASTM D 790
Flexural Strength	350	MPa	ASTM D 790
Izod Impact notched, 1/8 in	48	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	320	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	9	E-6/K	ASTM D 696
DTUL @ 264 psi	282	°C	ASTM D 648
Thermal Conductivity, solid state	0.0749	W/(m K)	ASTM C 177
<b>Other properties</b>			
Water Absorption, 24hr	0.26	%	ASTM D 570
Density	1480	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	177	°C	-
Pre-drying - Time	3	h	-
Processing humidity	≤0.05	%	-
Mold temperature	199 - 216	°C	-
Zone 1	304	°C	-
Nozzle temperature	371	°C	-
Screw speed	10 - 100	rpm	-
Back pressure	6.89	MPa	-

## Characteristics

### Processing

Injection Molding, Profile Extrusion

### Delivery form

Pellets

### Special Characteristics

Flame retardant, Heat stabilized or stable to heat

### Features

Creep Resistance, Fatigue Resistance

### Chemical Resistance

General Chemical Resistance

### Applications

Aircraft and Aerospace, IT / Business Machine, Electrical and Electronical

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa