

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	60	MPa	ASTM D 638
Tensile Strength at Break	57.9	MPa	ASTM D 638
Elongation at Yield	6.2	%	ASTM D 638
Elongation at Break	110	%	ASTM D 638
Flexural Modulus	2399	MPa	ASTM D 790
Flexural Strength	93.8	MPa	ASTM D 790
Izod Impact notched, 1/8 in	747	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	117	E-6/K	ASTM D 696
DTUL @ 264 psi	127	°C	ASTM D 648
<b>Other properties</b>			
Density	1200	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	80 - 120	°C	-
Zone 1	270 - 280	°C	-
Zone 2	270 - 290	°C	-
Zone 3	270 - 290	°C	-
Nozzle temperature	280 - 300	°C	-

## Characteristics

### Processing

Injection Molding

### Special Characteristics

Flame retardant, Phosphorus-free

### Applications

IT / Business Machine, Electrical and Electronical

### Regional Availability

Asia Pacific