

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>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Tensile Modulus	2399	MPa	ASTM D 638
Tensile Strength at Yield	60	MPa	ASTM D 638
Tensile Strength at Break	66	MPa	ASTM D 638
Elongation at Yield	6	%	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Flexural Modulus	2399	MPa	ASTM D 790
Flexural Strength	100	MPa	ASTM D 790
Izod Impact notched, 1/8 in	907	J/m	ASTM D 256
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	68.4	E-6/K	ASTM D 696
DTUL @ 264 psi	128	°C	ASTM D 648
Vicat Temperature	152	°C	ASTM D 1525
<b>Optical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Light Transmittance	85.5	%	ASTM D 1003
<b>Other properties</b>			
Value	Unit	Test Standard	
Density	1200	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Value	Unit	Test Standard	
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	260 - 300	°C	-
Mold temperature	70 - 100	°C	-

## Characteristics

### Processing

Injection Molding

### Special Characteristics

Flame retardant, Phosphorus-free, Transparent

### Applications

IT / Business Machine, Electrical and Electronical

### Regional Availability

Asia Pacific