

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	88.9	MPa	ASTM D 638
Flexural Modulus	6102	MPa	ASTM D 790
Flexural Strength	150	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
Coefficient of Thermal Expansion, MD	66.6	E-6/K	ASTM D 696
DTUL @ 264 psi	105	°C	ASTM D 648
Other properties			
Density	1300	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	60 - 100	°C	-
Zone 1	260 - 280	°C	-
Zone 2	270 - 290	°C	-
Zone 3	270 - 290	°C	-
Nozzle temperature	280 - 300	°C	-

Characteristics

Processing

Injection Molding

Applications

IT / Business Machine, Electrical and Electronical

Special Characteristics

Flame retardant

Regional Availability

Asia Pacific