

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	27.5	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	1766	MPa	ASTM D 790
Flexural Strength	38.3	MPa	ASTM D 790
Izod Impact notched, 1/4 in	47.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.75	mm	-
DTUL @ 66 psi	135	°C	ASTM D 648
Other properties			
Density	1320	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.01	%	-
Melt temperature	200 - 230	°C	-
Mold temperature	40 - 60	°C	-
Zone 1	190 - 210	°C	-
Zone 2	200 - 230	°C	-
Zone 3	200 - 230	°C	-
Nozzle temperature	210 - 230	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	30 - 60	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Applications

Automotive, Electrical and Electronical, General Purpose

Regional Availability

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