

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	61.4	MPa	ASTM D 638
Elongation at Break	75	%	ASTM D 638
Flexural Modulus	2344	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	694	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	126	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.52	mm	-
DTUL @ 66 psi	135	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.18	%	ASTM D 570
Density	1230	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	4	h	-
Melt temperature	282 - 304	°C	-
Mold temperature	71.1 - 93.3	°C	-
Zone 1	254 - 274	°C	-
Zone 2	266 - 277	°C	-
Zone 3	277 - 293	°C	-
Nozzle temperature	271 - 293	°C	-
Injection pressure	75.8 - 124	MPa	-
Back pressure	0.345 - 1.38	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Additives

Release agent

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

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