

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9.5	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	67	MPa	ASTM D 638
Elongation at Break	6.1	%	ASTM D 638
Flexural Modulus	2400	MPa	ASTM D 790
Flexural Strength	99	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	136	°C	ASTM D 648
DTUL @ 264 psi	124	°C	ASTM D 648
Vicat Temperature	143	°C	ASTM D 1525
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	34	kV/mm	ASTM D 149
Volume Resistivity	1E16	Ohm*cm	ASTM D 257
Other properties			
Density	1200	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	300	°C	-
Mold temperature	80	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, South and Central America

Special Characteristics

Flame retardant