

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	33.1	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1517	MPa	ASTM D 790
Rockwell Hardness	M77	-	ASTM D 785
Izod Impact notched, 1/8 in	881	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	3.18	mm	-
Coefficient of Thermal Expansion, MD	79.2	E-6/K	ASTM D 696
DTUL @ 66 psi	142	°C	ASTM D 648
DTUL @ 264 psi	132	°C	ASTM D 648
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	20.1	kV/mm	ASTM D 149
Dissipation Factor, 60 Hz	0.01	-	ASTM D 150
Dissipation Factor, 1 MHz	0.02	-	ASTM D 150
Dielectric Constant, 60 Hz	3.9	-	ASTM D 150
Dielectric Constant, 1 MHz	3.4	-	ASTM D 150
Arc Resistance	120	s	ASTM D 495
Other properties			
Density	903	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Regional Availability

North America