

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.016	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2600	MPa	ASTM D 638
Tensile Strength	52	MPa	ASTM D 638
Flexural Modulus	2300	MPa	ASTM D 790
Flexural Strength	73	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Coefficient of Thermal Expansion, MD	70	E-6/K	ASTM D 696
DTUL @ 66 psi	165	°C	ASTM D 648
DTUL @ 264 psi	62	°C	ASTM D 648
Melting Temperature	225	°C	ASTM D 3418
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	20	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.01	-	ASTM D 150
Dielectric Constant, 1 MHz	3.2	-	ASTM D 150
Volume Resistivity	1E13	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1420	kg/m ³	ASTM D 792

Characteristics

Applications

Electrical and Electronical

Regional Availability

North America, Asia Pacific