

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0075	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	7300	MPa	ASTM D 638
Tensile Strength	110	MPa	ASTM D 638
Flexural Modulus	6400	MPa	ASTM D 790
Flexural Strength	160	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	40	E-6/K	ASTM D 696
DTUL @ 66 psi	210	°C	ASTM D 648
DTUL @ 264 psi	200	°C	ASTM D 648
Melting Temperature	225	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	23	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	1E16	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1440	kg/m ³	ASTM D 792

Characteristics

Applications

Electrical and Electronical

Regional Availability

North America, Asia Pacific