

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.016	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	83	MPa	ASTM D 638
Flexural Modulus	3040	MPa	ASTM D 790
Flexural Strength	118	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	69	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
Coefficient of Thermal Expansion, MD	90	E-6/K	ASTM D 696
DTUL @ 66 psi	190	°C	ASTM D 648
DTUL @ 264 psi	75	°C	ASTM D 648
Melting Temperature	220	°C	ASTM D 3418
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	20	kV/mm	ASTM D 149
Dielectric Constant, 1 MHz	3.4	-	ASTM D 150
Arc Resistance	115	s	ASTM D 495
Other properties			
Water Absorption, 24hr	1.4	%	ASTM D 570
Density	1160	kg/m ³	ASTM D 792

Characteristics

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Regional Availability

North America, Asia Pacific

Applications

Electrical and Electronical