

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	11500	MPa	ASTM D 638
Tensile Strength	135	MPa	ASTM D 638
Flexural Modulus	10000	MPa	ASTM D 790
Flexural Strength	230	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Coefficient of Thermal Expansion, MD	30	E-6/K	ASTM D 696
DTUL @ 66 psi	240	°C	ASTM D 648
DTUL @ 264 psi	220	°C	ASTM D 648
Melting Temperature	255	°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	3.7	-	ASTM D 150

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.05	%	ASTM D 570
Density	1670	kg/m ³	ASTM D 792

Characteristics

Applications
Electrical and Electronical

Regional Availability
North America, Asia Pacific