

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.016	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.017	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1490	MPa	ASTM D 638
Tensile Strength	40	MPa	ASTM D 638
Flexural Modulus	1300	MPa	ASTM D 790
Flexural Strength	50	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	80	E-6/K	ASTM D 696
DTUL @ 66 psi	105	°C	ASTM D 648
Melting Temperature	222	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	20	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.02	-	ASTM D 150
Dielectric Constant, 1 MHz	3.2	-	ASTM D 150
Volume Resistivity	1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.2	%	ASTM D 570
Density	1040	kg/m ³	ASTM D 792

Characteristics

Special Characteristics
High impact or impact modified

Regional Availability
North America, Asia Pacific

Applications
Automotive, Electrical and Electrical