

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	<b>5700</b>	MPa	ASTM D 638
Tensile Strength	<b>95</b>	MPa	ASTM D 638
Flexural Modulus	<b>5000</b>	MPa	ASTM D 790
Flexural Strength	<b>150</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 120</b>	-	ASTM D 785

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

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>23</b>	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	<b>0.01</b>	-	ASTM D 150
Dielectric Constant, 1 MHz	<b>3.2</b>	-	ASTM D 150
Volume Resistivity	<b>1E17</b>	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	<b>0.1</b>	%	ASTM D 570
Density	<b>1410</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Applications**

Electrical and Electronical

**Regional Availability**

North America, Asia Pacific