

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0065</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile Modulus	<b>9700</b>	MPa	ASTM D 638
Tensile Strength	<b>130</b>	MPa	ASTM D 638
Flexural Modulus	<b>8500</b>	MPa	ASTM D 790
Flexural Strength	<b>190</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 120</b>	-	ASTM D 785
<b>Thermal properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Coefficient of Thermal Expansion, MD	<b>40</b>	E-6/K	ASTM D 696
DTUL @ 66 psi	<b>215</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>210</b>	°C	ASTM D 648
Melting Temperature	<b>225</b>	°C	ASTM D 3418
<b>Electrical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</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>3.7</b>	-	ASTM D 150
Volume Resistivity	<b>1E17</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
Water Absorption, 24hr	<b>0.1</b>	%	ASTM D 570
Density	<b>1620</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Applications**

Electrical and Electronical

**Regional Availability**

North America, Asia Pacific