

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0075</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.009</b>	mm/mm	ASTM D 955
Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	<b>5170</b>	MPa	ASTM D 638
Tensile Strength	<b>120</b>	MPa	ASTM D 638
Flexural Modulus	<b>4500</b>	MPa	ASTM D 790
Flexural Strength	<b>155</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>V-0</b>	-	UL 94
Coefficient of Thermal Expansion, MD	<b>50</b>	E-6/K	ASTM D 696
DTUL @ 66 psi	<b>200</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>190</b>	°C	ASTM D 648
Melting Temperature	<b>222</b>	°C	ASTM D 3418
Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>22</b>	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	<b>0.02</b>	-	ASTM D 150
Dielectric Constant, 1 MHz	<b>3.5</b>	-	ASTM D 150
Volume Resistivity	<b>1E14</b>	Ohm*cm	ASTM D 257
Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	<b>1.1</b>	%	ASTM D 570
Density	<b>1450</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Additives**

Release agent

**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

North America, Asia Pacific