

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.005</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.008</b>	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Charpy impact strength, +23°C	<b>80 / 95</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>11 / 16</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Tensile Modulus	<b>10000 / 7500</b>	MPa	ASTM D 638
Tensile Strength	<b>190 / 135</b>	MPa	ASTM D 638
Flexural Modulus	<b>8200 / 5900</b>	MPa	ASTM D 790
Flexural Strength	<b>260 / 175</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 120 / R 115</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>25</b>	E-6/K	ASTM D 696
DTUL @ 66 psi	<b>260</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>255</b>	°C	ASTM D 648
Melting Temperature	<b>260</b>	°C	ASTM D 3418

Electrical properties	dry / cond	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>32 / -</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>1E15 / -</b>	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	<b>0.8</b>	%	ASTM D 570
Density	<b>1370</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Special Characteristics**

Transparent

**Regional Availability**

North America, Asia Pacific

**Applications**

Automotive, Electrical and Electronical