

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0055	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Charpy impact strength, +23°C	40 / 70	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	4.5 / 6	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Tensile Modulus	8500 / 4500	MPa	ASTM D 638
Tensile Strength	115 / 70	MPa	ASTM D 638
Flexural Modulus	6800 / 4200	MPa	ASTM D 790
Flexural Strength	185 / 105	MPa	ASTM D 790
Rockwell Hardness	R 120 / R 115	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	35	E-6/K	ASTM D 696
DTUL @ 66 psi	255	°C	ASTM D 648
DTUL @ 264 psi	235	°C	ASTM D 648
Melting Temperature	260	°C	ASTM D 3418

Electrical properties	dry / cond	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	36 / -	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.02 / -	-	ASTM D 150
Dielectric Constant, 1 MHz	3.7 / -	-	ASTM D 150
Volume Resistivity	1E14 / -	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.1	%	ASTM D 570
Density	1460	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

North America, Asia Pacific