

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.0225	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0245	mm/mm	ASTM D 955
Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Charpy impact strength, +23°C	N / N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	70 / 105	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Tensile Modulus	1900 / 1000	MPa	ASTM D 638
Tensile Strength	50 / 43	MPa	ASTM D 638
Flexural Modulus	1800 / 800	MPa	ASTM D 790
Flexural Strength	66 / 30	MPa	ASTM D 790
Rockwell Hardness	R 110 /	-	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	75	E-6/K	ASTM D 696
DTUL @ 66 psi	200	°C	ASTM D 648
DTUL @ 264 psi	65	°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	32 / -	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.02 / -	-	ASTM D 150
Dielectric Constant, 1 MHz	3 / -	-	ASTM D 150
Volume Resistivity	1E14 / -	Ohm*cm	ASTM D 257
Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.2	%	ASTM D 570
Density	1070	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Special Characteristics**

High impact or impact modified

**Regional Availability**

North America, Asia Pacific

**Applications**

Automotive