

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0045	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Charpy impact strength, +23°C	50 / 68	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / 8	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Modulus	10000 / 7500	MPa	ASTM D 638
Tensile Strength	100 / 65	MPa	ASTM D 638
Flexural Modulus	9000 / 5300	MPa	ASTM D 790
Flexural Strength	140 / 90	MPa	ASTM D 790
Rockwell Hardness	R 120 / R 115	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94

Electrical properties	dry / cond	Unit	Test Standard
ASTM Data			
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	2060	kg/m ³	ASTM D 792

Characteristics

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Asia Pacific