

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0235	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0255	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Charpy impact strength, +23°C	N / N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	67 / 110	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Modulus	1800 / 950	MPa	ASTM D 638
Tensile Strength	46 / 40	MPa	ASTM D 638
Flexural Modulus	1500 / 750	MPa	ASTM D 790
Flexural Strength	64 / 30	MPa	ASTM D 790
Rockwell Hardness	R 105 /	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	75	E-6/K	ASTM D 696
DTUL @ 66 psi	190	°C	ASTM D 648
Melting Temperature	260	°C	ASTM D 3418

Electrical properties	dry / cond	Unit	Test Standard
ASTM Data			
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	1060	kg/m ³	ASTM D 792

Characteristics

Special Characteristics
High impact or impact modified

Regional Availability
North America, Asia Pacific

Applications
Automotive