

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	147	MPa	ASTM D 638
Flexural Modulus	7061	MPa	ASTM D 790
Flexural Strength	235	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	69	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	30	E-6/K	ASTM D 696
DTUL @ 66 psi	252	°C	ASTM D 648
DTUL @ 264 psi	245	°C	ASTM D 648
Melting Temperature	255	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	21	kV/mm	ASTM D 149
Dielectric Constant, 1 MHz	3.4	-	ASTM D 150
Arc Resistance	135	s	ASTM D 495

Other properties	Value	Unit	Test Standard
Density	1440	kg/m ³	ASTM D 792

Characteristics

Delivery form

Black

Regional Availability

North America, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat