

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	110	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	5169	MPa	ASTM D 790
Flexural Strength	183	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	59	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.2	mm	-
Coefficient of Thermal Expansion, MD	40	E-6/K	ASTM D 696
DTUL @ 264 psi	240	°C	ASTM D 648
Melting Temperature	260	°C	ASTM D 3418
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	26	kV/mm	ASTM D 149
Volume Resistivity	3E13	Ohm*cm	ASTM D 257
Arc Resistance	110	s	ASTM D 495
Other properties			
Water Absorption, 24hr	2.8	%	ASTM D 570
Density	1240	kg/m ³	ASTM D 792

Characteristics

Delivery form

Black

Regional Availability

Europe, Asia Pacific

Certifications

RoHS compliant