

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.019	mm/mm	ASTM D 955
Mechanical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength	51.7 / 34.5	MPa	ASTM D 638
Elongation at Break	55 / 200	%	ASTM D 638
Flexural Modulus	1720 / 758	MPa	ASTM D 790
Flexural Strength	68.3 / 27.6	MPa	ASTM D 790
Rockwell Hardness	R 107 / R 82	-	ASTM D 785
Izod Impact notched, 1/8 in	850 / 1000	J/m	ASTM D 256
Thermal properties			
	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	140	E-6/K	ASTM D 696
DTUL @ 66 psi	218	°C	ASTM D 648
DTUL @ 264 psi	68.3	°C	ASTM D 648
Electrical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Volume Resistivity	1E14 / -	Ohm*cm	ASTM D 257
Other properties			
	Value	Unit	Test Standard
Water Absorption, 24hr	0.8	%	ASTM D 570
Density	1080	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Additives

Lubricants

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Applications

Automotive

Regional Availability

North America