

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.008	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Modulus	9200 / 7200	MPa	ASTM D 638
Tensile Strength	180 / 130	MPa	ASTM D 638
Elongation at Break	3 / 5	%	ASTM D 638
Flexural Modulus	8300 / -	MPa	ASTM D 790
Flexural Strength	245 / 210	MPa	ASTM D 790
Rockwell Hardness	R 120 /	-	ASTM D 785
Izod Impact notched, 1/8 in	108 / 137	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 66 psi	260	°C	ASTM D 648
DTUL @ 264 psi	253	°C	ASTM D 648
Melting Temperature	262	°C	ASTM D 3418

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	>1E13 / -	Ohm*m	IEC 62631-3-1
Electric strength	38 / 32	kV/mm	IEC 60243-1
Comparative tracking index	450 / -	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.9	%	ASTM D 570
Water Absorption, Equilibrium	6.1	%	ASTM D 570
Density	1360	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance, Grease Resistance, Hydrolytically Stable, Oil Resistance

Applications

Automotive

Regional Availability

Asia Pacific