

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.8 / *	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.018	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Yield stress	68 / -	MPa	ISO 527
Strain at break	30 / -	%	ISO 527
Flexural modulus, 23°C	2250 / -	MPa	ISO 178
Izod notched impact strength, +23°C	17 / -	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	67.6 / 46.2	MPa	ASTM D 638
Elongation at Break	40 / 130	%	ASTM D 638
Flexural Modulus	2170 / 896	MPa	ASTM D 790
Flexural Strength	75.8 / 34.5	MPa	ASTM D 790
Rockwell Hardness	R 114 / R 94	-	ASTM D 785
Izod Impact notched, 1/8 in	160 / 210	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	73 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	211 / *	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	110	E-6/K	ASTM D 696
DTUL @ 66 psi	228	°C	ASTM D 648
DTUL @ 264 psi	71	°C	ASTM D 648
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	21 / -	kV/mm	ASTM D 149
Volume Resistivity	>1E15 / -	Ohm*cm	ASTM D 257
Other properties			
Density	1100 / -	kg/m ³	ISO 1183
Water Absorption, 24hr	1.2	%	ASTM D 570
Density	1100	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black, Natural Color

Additives

Lubricants

Applications

Automotive

Regional Availability

North America