

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.9 / *	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.019	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Yield stress	55 / -	MPa	ISO 527
Strain at break	40 / -	%	ISO 527
Flexural modulus, 23°C	1860 / -	MPa	ISO 178
Izod notched impact strength, +23°C	60 / -	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	55.8 / 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			
ISO Data			
Temp. of deflection under load, 1.80 MPa	62 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	203 / *	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.787	mm	-
DTUL @ 66 psi	203	°C	ASTM D 648
DTUL @ 264 psi	62	°C	ASTM D 648
Electrical properties			
ASTM Data			
Volume Resistivity	1E15 / -	Ohm*cm	ASTM D 257
Other properties			
Density	1080 / -	kg/m ³	ISO 1183
Water Absorption, 24hr	0.09	%	ASTM D 570
Density	1080	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black, Natural Color

Additives

Lubricants

Applications

Automotive

Regional Availability

North America