

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.6 / *	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.016	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Yield stress	84 / -	MPa	ISO 527
Strain at break	25 / -	%	ISO 527
Flexural modulus, 23°C	2850 / -	MPa	ISO 178
Izod notched impact strength, +23°C	5.3 / -	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	82.7 / 65.5	MPa	ASTM D 638
Elongation at Break	30 / 200	%	ASTM D 638
Flexural Modulus	2960 / 1310	MPa	ASTM D 790
Flexural Strength	114 / 40.7	MPa	ASTM D 790
Rockwell Hardness	M 85 / M 60	-	ASTM D 785
Izod Impact notched, 1/8 in	53 / 130	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	210 / *	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.711	mm	-
DTUL @ 66 psi	238	°C	ASTM D 648
DTUL @ 264 psi	88	°C	ASTM D 648
Electrical properties			
ASTM Data			
Volume Resistivity	>1E15 / -	Ohm*cm	ASTM D 257
Other properties			
Density	1140 / -	kg/m ³	ISO 1183
Water Absorption, 24hr	1.3	%	ASTM D 570
Density	1140	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Delivery form

Pellets, Black

Regional Availability

North America