

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0 / *	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Yield stress	217 / -	MPa	ISO 527
Strain at break	1.8 / -	%	ISO 527
Flexural modulus, 23°C	12100 / -	MPa	ISO 178
Izod notched impact strength, +23°C	14 / -	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	214 / 152	MPa	ASTM D 638
Elongation at Break	1.5 / 3	%	ASTM D 638
Flexural Modulus	11000 / 6890	MPa	ASTM D 790
Flexural Strength	296 / 207	MPa	ASTM D 790
Rockwell Hardness	M 103 / M 88	-	ASTM D 785
Izod Impact notched, 1/8 in	130 / 170	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	255 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	262 / *	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	22	E-6/K	ASTM D 696
DTUL @ 66 psi	260	°C	ASTM D 648
DTUL @ 264 psi	254	°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	1490 / -	kg/m ³	ISO 1183
Water Absorption, 24hr	0.6	%	ASTM D 570
Density	1490	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America