

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	65	MPa	ASTM D 638
Flexural Modulus	5000	MPa	ASTM D 790
Flexural Strength	90	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	67.3	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	38.4	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Coeff. of linear therm. expansion, normal	40	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	108	°C	ASTM D 648
Vicat Temperature	113	°C	ASTM D 1525
Electrical properties			
ISO Data			
Relative permittivity, 1MHz	2.8	-	IEC 62631-2-1
Dissipation factor, 1MHz	100	E-4	IEC 62631-2-1
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Electric strength	33	kV/mm	IEC 60243-1
Other properties			
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1170	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Natural Color

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive

Regional Availability

Europe