

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	40	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Thermal conductivity of melt	0.18	W/(m K)	-
Mechanical properties			
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Tensile Strength	45	MPa	ISO 527
Strain at break	14	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Flexural strength	73	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Vicat softening temperature, B	98	°C	ISO 306
Coeff. of linear therm. expansion, parallel	85	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
Glow Wire Flammability Index (GWFI)	600	°C	IEC 60695-2-12
GWFI - thickness tested (1)	3	mm	-
Glow Wire Ignition Temperature (GWIT)	625	°C	IEC 60695-2-13
GWIT - thickness tested (1)	3	mm	-
Electrical properties			
ISO Data			
Relative permittivity, 100Hz	3	-	IEC 62631-2-1
Relative permittivity, 1MHz	2.9	-	IEC 62631-2-1
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Electric strength	32	kV/mm	IEC 60243-1
Other properties			
Density	1050	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, IT / Business Machine, Medical

Regional Availability

North America, Europe, Asia Pacific