

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	20	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)	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2400	MPa	ISO 527
Tensile Strength	47	MPa	ISO 527
Strain at break	18	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Flexural strength	75	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	16	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	91	°C	ISO 75-1/-2
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 thickness h	HB	class	IEC 60695-11-10
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	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Relative permittivity, 100Hz	3.1	-	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	33	kV/mm	IEC 60243-1
<b>Other properties</b>			
Density	1040	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Processing

Injection Molding

### Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

### Applications

Automotive, IT / Business Machine, Medical

### Regional Availability

North America, Europe, Asia Pacific