

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	4350	MPa	ISO 527
Yield stress	85	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	4100	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	137	°C	ISO 75-1/-2
Vicat softening temperature, B	146	°C	ISO 306
Coeff. of linear therm. expansion, parallel	15	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Oxygen index	38	%	ISO 4589-1/-2

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Relative permittivity, 1MHz	3.05	-	IEC 62631-2-1
Dissipation factor, 1MHz	160	E-4	IEC 62631-2-1
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Electric strength	70	kV/mm	IEC 60243-1
Comparative tracking index	200	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1280	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	290 - 320	°C	-
Mold temperature	80	°C	-

## Characteristics

### Processing

Injection Molding

### Additives

Release agent

### Special Characteristics

Flame retardant, Phosphorus-free, U.V. stabilized or stable to weather

### Applications

IT / Business Machine, Electrical and Electronical

### Regional Availability

Europe, Near East/Africa