

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	20.6	cm <sup>3</sup> /10min	ISO 1133
Temperature	300	°C	-
Load	5	kg	-
Melt flow index, MFI	31.7	g/10min	ISO 1133
Temperature	300	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	9000	MPa	ISO 527
Tensile Strength	43	MPa	ISO 527
Strain at break	0.5	%	ISO 527
Charpy impact strength, +23°C	5	kJ/m <sup>2</sup>	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	300	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	120	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	222	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	33	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	34	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Comparative tracking index	600	-	IEC 60112
<b>Other Standards<sup>[5]</sup></b>			
Volume resistivity	5.2E11	Ohm*m	IEC 61340-2-3
Surface resistivity	4.7E12	Ohm	

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Humidity absorption	0.1	%	Sim. to ISO 62
Density	1540	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
Melt temperature	300 - 330	°C	-
Mold temperature	150 - 170	°C	-
Zone 1	320 - 340	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Black

### Features

Laser Markable

### Applications

Automotive, Electrical and Electronical

**Special Characteristics**

Thermally Conductive

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America