

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	30	cm <sup>3</sup> /10min	ISO 1133
Temperature	316	°C	-
Load	5	kg	-
Melt flow index, MFI	50	g/10min	ISO 1133
Temperature	316	°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	10400	MPa	ISO 527
Tensile Strength	55	MPa	ISO 527
Strain at break	0.8	%	ISO 527
Charpy impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	280	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	90	°C	ISO 11357-1/-2
Coeff. of linear therm. expansion, parallel	18	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	25	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Electrical properties	Value	Unit	Test Standard
<b>Other Standards<sup>[5]</sup></b>			
Volume resistivity	13000	Ohm*m	ISO 3915
Surface resistivity	32000	Ohm	IEC 61340-2-3

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	1600	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	140 - 150	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.05	%	-
Melt temperature	300 - 340	°C	-
Mold temperature	130 - 160	°C	-
Zone 1	285 - 330	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Black

### Special Characteristics

Thermally Conductive

### Applications

Automotive, Electrical and Electronical

### Regional Availability

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