

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Thermal conductivity of melt	1.4	W/(m K)	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	26000	MPa	ISO 527
Tensile Strength	290	MPa	ISO 527
Flexural modulus, 23°C	22000	MPa	ISO 178
Charpy impact strength, -30°C	40	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	14	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	11	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	249	°C	ISO 75-1/-2
Vicat softening temperature, A	255	°C	ISO 306
Coeff. of linear therm. expansion, parallel	14	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
<b>Electrical properties</b>			
<b>ISO Data</b>			
Surface resistivity	1000	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	1330	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	75	°C	-
Pre-drying - Time	6 - 16	h	-
Processing humidity	≤0.1	%	-
Melt temperature	290	°C	-
Mold temperature	90 - 120	°C	-
Zone 1	290 - 310	°C	-
Zone 2	290 - 310	°C	-
Zone 3	290 - 310	°C	-
Nozzle temperature	280 - 300	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Black

### Special Characteristics

Increased electrical conductivity, Heat stabilized or stable to heat

### Features

Low Warpage

### Applications

Automotive, IT / Business Machine, Electrical and Electronical

### Regional Availability

North America, Europe, Asia Pacific