

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	13600	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Flexural modulus, 23°C	12000	MPa	ISO 178
Flexural strength	170	MPa	ISO 178
Charpy impact strength, +23°C	25	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	147	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	150	°C	ISO 75-1/-2
Vicat softening temperature, B	152	°C	ISO 306
Coeff. of linear therm. expansion, parallel	20	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	60	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-1	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	10	Ohm*m	IEC 62631-3-1
Surface resistivity	100	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	1360	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	>5	h	-
Melt temperature	290 - 320	°C	-
Mold temperature	80 - 120	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Black

**Features**

Creep Resistance

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa