

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	50 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	275 / *	°C	-
Load	5 / *	kg	-
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	8000 / -	MPa	ISO 527
Tensile Strength	150 / -	MPa	ISO 527
Strain at break	4 / -	%	ISO 527
Flexural modulus, 23°C	7000 / -	MPa	ISO 178
Charpy impact strength, +23°C	60 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	9 / -	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	10 / -	kJ/m <sup>2</sup>	ISO 180/1A
Ball indentation hardness	210 / -	MPa	ISO 2039-1

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	210 / *	°C	ISO 306
Coeff. of linear therm. expansion, parallel	20 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	120 / *	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	3.2 / *	mm	-

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Relative permittivity, 1MHz	3.7 / 4.7	-	IEC 62631-2-1
Dissipation factor, 1MHz	160 / 1300	E-4	IEC 62631-2-1
Volume resistivity	1E13 / 1E10	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E11	Ohm	IEC 62631-3-2
Electric strength	31 / 27	kV/mm	IEC 60243-1
Comparative tracking index	525 / 525	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	7 / *	%	Sim. to ISO 62
Humidity absorption	2.3 / *	%	Sim. to ISO 62
Density	1300 / -	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Processing

Injection Molding

### Delivery form

Granules, Black, Natural Color

### Applications

Automotive, Building Construction, Electrical and Electronical

### Regional Availability

Europe