

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	20 / *	cm ³ /10min	ISO 1133
Temperature	275 / *	°C	-
Load	5 / *	kg	-
Molding shrinkage, parallel	2.0 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.5 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2600 / 1000	MPa	ISO 527
Yield stress	72 / 40	MPa	ISO 527
Strain at break	50 / >50	%	ISO 527
Flexural modulus, 23°C	2100 / 700	MPa	ISO 178
Charpy impact strength, +23°C	N / N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	N / N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12 / 20	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	8 / 10	kJ/m ²	ISO 179/1eA
Ball indentation hardness	135 / 60	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	180 / *	°C	ISO 306
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	3.2 / *	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E13 / 1E10	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2
Other properties			
Water absorption	9.5 / *	%	Sim. to ISO 62
Humidity absorption	2.5 / *	%	Sim. to ISO 62
Density	1110 / -	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Granules, Black, Natural Color

Special Characteristics

High impact or impact modified

Applications

Automotive, Building Construction, Electrical and Electronical

Regional Availability

Europe