

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	90 / *	cm ³ /10min	ISO 1133
Temperature	275 / *	°C	-
Load	5 / *	kg	-
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	5600 / -	MPa	ISO 527
Tensile Strength	72 / -	MPa	ISO 527
Strain at break	6 / -	%	ISO 527
Flexural modulus, 23°C	4400 / -	MPa	ISO 178
Charpy impact strength, +23°C	55 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3 / -	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	3.5 / -	kJ/m ²	ISO 180/1A
Ball indentation hardness	175 / -	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	95 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	200 / *	°C	ISO 306
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	3.2 / *	mm	-
Electrical properties			
ISO Data			
Relative permittivity, 1MHz	3.9 / -	-	IEC 62631-2-1
Volume resistivity	1E10 / -	Ohm*m	IEC 62631-3-1
Electric strength	24 / -	kV/mm	IEC 60243-1
Comparative tracking index	550 / -	-	IEC 60112
Other properties			
Humidity absorption	1.1 / *	%	Sim. to ISO 62
Density	1270 / -	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Granules, Black, Natural Color

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, Building Construction, Electrical and Electronical

Regional Availability

Europe