

Product Texts

Available in natural and black colors.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Strength	140	MPa	ISO 527
Strain at break	4	%	ISO 527
Charpy impact strength, +23°C	40	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	3	E-6/K	ISO 11359-1/-2

Electrical properties

	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E14	Ohm*m	IEC 62631-3-1
Electric strength	25	kV/mm	IEC 60243-1

Other properties

	Value	Unit	Test Standard
Density	1530	kg/m ³	ISO 1183

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Melt temperature	260	°C	-
Mold temperature	90	°C	-

Processing Recommendation Extrusion

	Value	Unit	Test Standard
Melt temperature	260	°C	-
Mold temperature	90	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Applications

Electrical and Electronical

Features

Thermal Stability

Regional Availability

Europe