

cellidor®

CELLIDOR B 631-10

(Last update: 03.05.2012)



Base Polymer	CelluloseAcetateButyrate
Filler/Additive System	phthalate-free plasticiser
Market Segment	Sport and Leisure,various
Application Area	extruded parts,profiles,various
Typical Applications	protection-strip,grease reservoir,various

Pre-Drying Conditions	in a dry air (dessiccant) dryer 50-70 °C,for 1-2 h,in an air circulating dryer 50-70 °C,for 2-4 h,dependant on moisture content
Processing Conditions	extrusion melt temperature 190-235 °C,extrusion die temperature 40-80 °C

Properties	Value	Dimension	Test Norm
Mechanical Properties			
3.5% Flexural stress	47	MPa	ISO 178
Tensile modulus	1600	MPa	ISO 527-1/-2
Tensile stress at yield	37	MPa	ISO 527-1/-2
Tensile strength at break	33	MPa	ISO 527-1/-2
Tensile elongation at yield	18	%	ISO 527-1/-2
Charpy notched impact 1eA	18	kJ/m ²	ISO 179/1eA
Charpy notched impact 1eA -30°C	7	kJ/m ²	ISO 179/1eA
Impact strength Charpy 1eU	no break	kJ/m ²	ISO 179/1eU
Ball indentation hardness H132/30	65	MPa	ISO 2039-1
Thermal Properties			
Vicat B50	90	°C	ISO 306
HDT / A (1,8 MPa)	90	°C	ISO 75-1/-2
Electrical Properties			
Surface resistance	1E13	Ohm	IEC 60093
Specific volume resistance	1E15	Ohm*m	IEC 60093
Rheological Properties			
MVR	6	cm ³ /10min	ISO 1133
MVR temperature	210	°C	ISO 1133
MVR load	2.16	kg	ISO 1133
Physical Properties			
Density	1190	kg/m ³	ISO 1183

These are guide values and not a specification. Any information given on the chemical and physical characteristics of our products, including technical advice on applications whether verbally, in writing or by testing the product, is given to the best of our knowledge. It does not exempt the buyer from carrying out his own investigations and tests in order to ascertain the products' specific suitability for the purpose intended.

The buyer is solely responsible for the application, utilisation and processing of the products, and must observe the laws and government regulations and the consequential rights of any third party.

The test values mentioned are guide values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimen and they can be affected by pigmentation, mould design and processing conditions.

ALBIS expressly advises against the use of this product in any medical, pharmaceutical or diagnostic application. At all times our

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Conditions of Sale apply.

