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Technical Specification

BioExtrem

(Part of the BIOCOVERS® family)



Product	BioExtrem 250 g/m ²
Article Code	BIOE025080500. . .
Colour	Brown <i>(Given the natural resource of the fibre, the colour can vary from delivery to delivery.)</i>
Composition	100 % Biofibres (PLA) 100 % biobased, 100 % biodegradable, OK compost S233
Energy	70 % from own wind mills

Mechanical Characteristics	Norm	Value	Tolerance
Weight	EN ISO 9864	250 g/m ²	+/- 10%
Thickness	EN ISO 9863-1	1,2 mm	- 0,3 mm
Tensile strength (length)	EN ISO 10319	6,5 kN/m	- 0,5 kN/m
Elongation (length)	EN ISO 10319	> 30 %	- 10%
Tensile strength (width)	EN ISO 10319	6,5 kN/m	- 0,5 kN/m
Elongation (width)	EN ISO 10319	> 30 %	- 10%
Ignitability by smouldering cigarette	EN ISO 12952-1/2	succeeded	
Water permeability	EN ISO 11058	78 l/m ² s	+/- 10%
UV stability	Internal test	min 7 years	
Dimensional stability by 60°C	Internal test	max 1% crimp	

Roll dimensions	Value	Tolerance
Length	50 / 100 rm	+/- 3%
Width	2 / 4 m	+/- 1%
Core diameter (outside/inside)	70/85 mm	
Diameter roll	0	
Other dimensions on request (max width 4m10; max length 350 rm)		

Other conditions

Life time depends on storage conditions (inside, in dry conditions, max 12 months).
The product will function for minimum 7 years (from date of delivery), the mechanical characteristics will gradually decrease under normal European conditions, no installation in or under water or in extreme alkali conditions (cement,...)