Technical datasheet

Ökolys BL130 L25

Agrotextiles - Industrial compostable groundcover

Functions

Stimulates the growth of the plants
Prevents the growth of weeds
Not harmful to the environment and prevents the use of herbicides

OK compost

TÜV AUSTRIA
INDUSTRIAL
S0185

Product Specifications

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
MATERIAL		PLA blend biodegradable and compostable			
TISSUE COLOUR		black			
TAPE COLOUR		black	black		
PATTERN		line 25 cm			
COLOUR LINING		green			
TISSUE WEIGHT	ISO 3801	130		g/m²	± 5 %
WIDTH		270 - 310 - 415		cm	± 2 cm
LENGTH		100		m	± 2 %
REMARKS					

Technical characteristics

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
BREAK ELONGATION	ISO 10319	30	30	%	± 20%
TENSILE STRENGTH	ISO 10319	12,0	8,5	kN/m	± 20 %
UV-STABILIZATION	ISO 4892-3 cycle 3	≅ 320		kLy	
SHRINKAGE à 60 °C	INTERNAL	1,5	1,5	%	MAX
WATERPERMEABILITY	ISO 11058	0,010		m/s	± 50 %
REMARKS	UV-Stabilization : Based on QUV testing min 3000 h (cycles of 5 h light exposure UV-A 340 nm 0,83 W/m² at 50°C and 1 h water spray), which corresponds theoretically to a solar irradiation of 320 kLY. In a climate zone of 90 kLy/y (Western Europe) this corresponds to 3-4 years.				

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