

Functions

Stimulates the growth of the plants

Prevents the growth of weeds

Not harmful to the environment and prevents the use of herbicides

Product Specifications

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
MATERIAL		mix of 2 polymers : biodegradable and compostable			
TISSUE COLOUR		green			
TAPE COLOUR		black	green		
PATTERN		line 25 cm			
COLOUR LINING		green			
TISSUE WEIGHT	ISO 3801	110		g/m ²	± 5 %
WIDTH		207 - 310 - 415		cm	± 2 cm
LENGTH		100		m	± 2 %
REMARKS		Invisible marking lines every 25 cm : lines are visible from close up, but become invisible from a distance			

Technical characteristics

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
BREAK ELONGATION	ISO 10319	30	20	%	± 20%
TENSILE STRENGTH	ISO 10319	8,0	4,5	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 %
BURNING BEHAVIOR	ISO 12952 - 2	Ignitability by a smouldering cigarette: meets the requirements for acceptance as mentioned in the test method			
	ISO 12952 - 3	Ignitability by a small open flame: meets the requirements for acceptance as mentioned in the test method			
REMARKS	UV-Stabilization : Based on QUV testing min 3000 h (cycles of 5 h light exposure UV-A 340 nm 0,83 W/m ² 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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