

Technical datasheet

Agrolys BL100 #25/12,5

Agrotexiles - PP Woven groundcovers



Technical Textiles

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		PP	PP		
TISSUE COLOUR		black			
PATTERN		rectangle 25/12,5 cm			
COLOUR LINING		blue	red		
TISSUE WEIGHT	ISO 3801	100		g/m ²	± 5 %
WIDTH		330 - 415 - 515		cm	± 2 cm
LENGTH		100		m	± 2 %

Technical characteristics

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
BREAK ELONGATION	ISO 13934-1	18	17	%	± 20 %
TENSILE STRENGTH	ISO 13934-1	850	700	N/5cm	± 20 %
PERFORATION RESISTANCE	EN ISO 13433	18		mm	MAX
UV-STABILIZATION	ISO 4892-3 cycle 3	≅ 800		kLy	
SHRINKAGE	15' à 70 °C	1,0	1,0	%	MAX
WATERPERMEABILITY	ISO 11058	0,010		m/s	± 50 %
LIGHT TRANSMISSION	NF G 07-162	<1		%	
ABRASION RESISTANCE	ISO 12947-2	50000		cycles	
REMARKS	UV-Stabilization : Based on QUV testing min 7400 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 800 kLY. In a climate zone of 90 kLy/y (Western Europe) this corresponds to 8-9 years.				

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