

Coverlys TR100

Agrotextiles - PE woven coverings


BTT
By Textile.Tech
Functions

Coverlys TR100 is an uncoated PE fabric used in the roof and the walls of greenhouses

Coverlys TR100 is a high quality product thanks its extreme strength and UV stabilisation

Coverlys TR100 protects the plants against excessive sunlight, warmth, cold and moisture

Product Specifications

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
MATERIAL		PE	PE		
TISSUE COLOUR		transparent			
TOTAL WEIGHT		100		g/m ²	± 5 %
WIDTH		on request		cm	± 2 cm
LENGTH		100 - 1000		m	± 2 %

Technical characteristics

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
BREAK ELONGATION	ISO 13934-1	20	18	%	± 20 %
TENSILE STRENGTH	ISO 13934-1	800	800	N/5cm	± 20 %
UV-STABILIZATION	ISO 4892-3 cycle 3	≅ 800		kLy	
LIGHT TRANSPARENCY		80,0		%	± 10 %
REMARKS	UV-Stabilization : Based on QUV testing min 3700 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 400 kLy. In a climate zone of 90 kLy/y (Western Europe) this corresponds to 4-5 years.				

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