

Coverlys TR150 C1

Agrotexiles - PE coated woven coverings


BTT
By Textile.Tech
Functions

Coverlys TR150 C1 is a single coated PE fabric protecting fruit en vegetables against extreme climate conditions (rain, temperature and hail)

Coverlys TR150 C1 is a high quality product thanks its extreme strength and UV stabilization

Coverlys TR150 C1 is produced on a 4 meter-width (unsealed)

Product Specifications

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
MATERIAL		PE	PE		
TISSUE COLOUR		transparent			
TOTAL WEIGHT		150		g/m ²	± 5 %
TISSUE WEIGHT	ISO 3801	100		g/m ²	± 5 %
COATED SIDES		1			
COATING MATERIAL		LD-PE			
COATING WEIGHT / SIDE	ISO 2286	50		g/m ²	± 5 %
COATING COLOUR		transparent			
WIDTH		on request		cm	± 2 cm
LENGTH		100 - 1000		m	± 2 %

Technical characteristics

Technical characteristics					
PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
BREAK ELONGATION	ISO 13934-1	21	19	%	± 20 %
TENSILE STRENGTH	ISO 13934-1	900	850	N/5cm	± 20 %
UV-STABILIZATION	ISO 4892-3 cycle 3	≅ 800		kLy	
SHRINKAGE	15' à 70 °C	1,5	1,5	%	MAX
UV TRANSMISSION					
	UVB	65		%	
	UVA	73,0		%	
PAR TRANSMISSION		78		%	
	DIRECT	42		%	
	DIFFUSE	36		%	
IR TRANSMISSION		79		%	
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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