

Technical Data Sheet



Artical- No	:	KW 043 - PES-WEAVING BACKLITE FABRIC
		Treatment applied for Sub Paper , Sub Water, Latex, Uv-Curable
Material	:	100 % Polyester
Stock widths	:	app. 270 cm
Finishing	:	rolled on paper cores
Packaging	:	wrapped with foil + put in a cardboard box
Ecology	:	according to Öko-Tex Standard 100
Weight		

Acc. To DIN EN 12127	250,0 (g/ m2)	+ - 5 (gr)
Shrinkage :		
Heat Shrinkage , 210 OC, 110 sec , lengthwise	-1,2 (%)	+ - 0,5 (%)
Acc. To AA 25-02		
Heat Shrinkage , 210 OC, 110 sec , crosswise	-0,9 (%)	+ - 0,5 (%)
Acc. to AA 25-02		
Tensile Strength		
Strain at Peak		
Maximum tensile elongation, weft direction	44,70 (%)	CV(%): 1,7
acc. to DIN EN ISO 13934-1		
Maximum tensile elongation, warp direction	53,40 (%)	CV(%): 3,7
acc. to DIN EN ISO 13934-1		
Maximum Force		
Maximum tensile elongation, weft direction	min. 1650,00 (N/5 cm)	CV(%): 2,0
acc. to DIN EN ISO 13934-1		
Maximum tensile elongation, warp direction	min. 1700,00 (N/5 cm)	CV(%): 1,6
acc. to DIN EN ISO 13934-1		
Tear Strength		
Maximum tear elongation, weft direction	min. 63 (N)	CV(%): 2,8
acc. to DIN EN ISO 13937-1		
Maximum tear elongation, warp direction	min. 47 (N)	CV(%): 2,6
acc. to DIN EN ISO 13937-1		
Air Permeability		
acc. to DIN EN ISO 9237 (200 pa)	276.00 (l/m2 s)	CV(%): 6,5