








Fabric name	Alova
Fabric weight	195gsm ±3%
Composition	100% polyester
Full width	150cm
Properties	WR
Membrane	TPU: 4 000/ 1 000
Application	Outdoor Clothes
Washing instruction	    

### TPU (membrane) properties

1	Water resistance, water column, mm	DIN EN 20811	> 4 000
2	Water vapour transmission, gram per square meter per 24 hours	ASTM E96	>1 000

### Physical properties

			warp	weft
1	Tensile strength, N	ISO 13934-1:2013	760	490
2	Tearing strength, N	ISO 13937-2:2000	38	25
3	Dimensional Stability To Washing, max.	ISO 6330:2000	3.0%	3.0%
4	Abrasion Resistance	ISO 12947-2:2002	> 20 000	
5	Pilling Resistance	ISO 12945-2:2000	4-5	
6	Colour Fastness To Washing (cotton+polyester) 40°C, min.	ISO 105-C06:2010		
	Colour change	ISO 105-C06:2010	4-5	
	Colour staining	ISO 105-C06:2010	5	
7	Colour Fastness To Perspiration, min.	ISO 105-E04:2013		
	Colour change		5	
	Colour staining		4-5	
8	Colour Fastness To Rubbing, min.	ISO 105-X12:2003		
	Dry		4-5	
	Wet		4-5	
9	Colour Fastness To Light	ISO 105-B02:2013	> 3-4	

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