CleanStatic-110

98% POLYESTER / 2% ANTISTATIC

110 GSM / TWILL 2/1



Fabric name	CleanStatic-110
Fabric weight	110 ± 5 gsm
Composition	98% polyester, 2% antistatic
Full width	150 ± 2 cm
Weave	twill 2/1
Features	Antistatic yarn
Application	Antistatic clothing for CleanRooms
Washing instruction	

Antistatic properties (BS EN 61340-5-1, EN 1149)

1	Electrostatics Protection of electronic devices from electrostatic phenomena	BS EN 61340-5-1:2016	$1,4x10^5\Omega$
2	Antistatic	EN 1149-5 (1149-3 method 2)	50×40°C ISO 6330
3	Protective Clothing-Electrostatic Properties	EN 1149-1	$9,5x10^6\Omega$

	Physical properties		warp	weft
1	Tensile strength, N	ISO 13934-1:2013	1600	750
2	Tearing strength, N	ISO 13937-2:2000	27	28
3	Dimensional Stability To Washing, max.	ISO 6330:2000	3.0%	3.0%
4	Abrasion Resistance	ISO 12947-2:2002	> 10 000	
5	Pilling Resistance	ISO 12945-2:2000	3-4	
6	Colour Fastness To Washing (cotton+polyester) 60°C, min.	ISO 105-C06:2010		
	Colour staining	ISO 105-C06:2010	4-5	
	Colour change	ISO 105-C06:2010	3-4	
7	Colour Fastness To Perspiration, min.	ISO 105-E04:2013		
	Colour change		4-5	
	Colour staining		4-5	
8	Colour Fastness To Rubbing, min.	ISO 105-X12:2001		
	Dry		4-5	
	Wet		2-3	
9	Colour Fastness To Light	ISO 105-B02:2013	> 4	
10	Air Permeability, mm/s	ISO 9237:1995	29.8	
11	Water Vapour Resistance (R_{et}), $m^2 \cdot Pa/W$	ISO 11092:2014	2.92	

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