

ORDNANCE CLOTHING FACTORY AVADI

DATE : 27/09/2019

ITEM SPECIFICATION

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Item Code : 2101613864

FABRIC PLAIN WEAVE FLAME RETARDANT BLUE 150 CM WIDTH
EXCLUDING SELVEDGES
OCF AVADI SPECIFICATION No.: 1201908/001 *enclosed*
SAMPLING PLAN: AS PER ENCLOSURE (ISO:2859)

Remarks of Specification Modification

19/08/2019

18/09/2019 RN.No.4706/T/R&D/FRAO DT. 04.09.2019

18/9/19
Hos/ODC

S.No	Test Parameters	Navy Requirements	Test Method
1.	Blend Composition (Aramid manufactured by NOMEX, KERMEL, TAIJIN CONNEX and like only to be used)	Aramid: FRViscose:: 50:50 $\pm$ 2%	IS : 3416
2.	Weave/Structure	Plain	Visual
3.	Width	150 cm + 2%	
4.	GSM	150 $\pm$ 5%	IS : 1964
5.	Count of Yarn Warp Weft	2/40s 2/40s	IS-3442
6.	Thread Density Ends/inch Picks/inch	60 40	IS:1963
7.	Tensile Strength Warp Weft	600 N 400 N	IS : 1969
8.	Tearing Strength Warp Weft	25 N 25 N	IS : 6489
9.	Pilling Resistance (18000 revolutions)	4 or better	IS: 10971
10.	Dimensional Stability (Max) in both directions	$\pm$ 3%	IS:2977-1989 (RA 2005)
11.	Colour Fastness to a) Washing b) Light c) Perspiration d) Rubbing	4 or better	a) IS:3361/IS:764/IS:984 b) IS:2454 c) IS:971 d) IS:766
12.	Ph Value	5.0 to 7.0	IS 1390-1983 (RA2004) Cold Method
13.	Anti Staticity in ohms	Max 2.5×10^{12}	EN 1149-1
14.	Flame Retardant Test as per IS 11871 REQUIREMENTS a) Char Length b) Flashing occurs over the surface c) After flame, Sec d) After Glow, Sec e) Extent after glow f) Any abnormal behaviour observed under influence of flame like melting, dripping, shrinking from the flame and abnormal charring	a) 85mm Avg max (Warp & Weft) b) NO c) NIL d) 5 e) NIL f) NO	IS 11871


Amm/ODC


HOS/ADC