



Flame Retardant fabric for FR-clothing

SPARK-170

100% COTTON

170 GSM / PLAIN 1/1



Fabric name	Spark-170
Fabric weight	170 ± 10 gsm
Composition	100% Cotton
Full width	148 ± 2 cm
Weave	Plain 1/1
Finishes	FR
Application	FR-clothing
Washing instruction	

FR & SPECIAL PROPERTIES

Flame retardant	ISO 11612 (A1, C1)	5×60°C ISO 6330
	ISO 14116 Index 3	5×60°C ISO 6330

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	543	440
Tearing strength, N	ISO 13937-2:2000	16	14
Dimensional Stability To Washing, max	ISO 5077-ISO 15797	<3%	
Abrasion Resistance	ISO 12947-2:1999	20 000	
Pilling Resistance	ISO 12945-2:2001	N/A	

COLOUR FASTNESS

			Light	Mid	Dark	Special colors
			Orange, Yellow, Red	Green, Grey, Royal Box	Dark Navy, Navy, Royal Blue	Black
Wash Fastness Method E2S (95°C)	ISO 105-C06	Colour Change	n/a	4-5	n/a	n/a
		Stain on Polyester	n/a	n/a	n/a	n/a
Rub Fastness	ISO 105-X12:1995	Wet	n/a	4	n/a	n/a
		Dry	n/a	4-5	n/a	n/a
Light Fastness	ISO 105-B02		n/a	n/a	n/a	n/a

* Tested in a non-accredited laboratory. * N/A - not applicable. www.xmtextiles.com

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