MADEIRA-320

Flame Retardant fabric for FR-clothing

100% COTTON

320 GSM / TWILL 3/1



Fabric name	Madeira-320
Fabric weight	320 ± 10 gsm
Composition	100% Cotton
Full width	152 ± 2 cm
Weave	Twill 3/1
Finishes	Flame Retardant
Area of use	FR jackets, trousers and coveralls
Domestic wash	
Industrial wash	

FR & SPECIAL PROPERTIES

Flame retardant	EN ISO 11612 (A1, A2, B1, C1, E3, F1)	50×75°C ISO 15797
	EN ISO 11611 (molten metal splash class 2, radiant heat class 1)	50×75°C ISO 15797
	EN ISO 11612 (D1)	5×75°C ISO 15797
	EN ISO 11612 (A1, A2)	100×75°C ISO 15797

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	1400	830
Tearing strength, N	ISO 13937-2:2000	34	35
Dimensional Stability To Washing, max	ISO 5077	3%	
Abrasion Resistance	ISO 12947-2:1999	26,500 rubs	
Pilling Resistance	ISO 12945-2:2001	3-4	

COLOUR FASTNESS

			Light	Mid	Dark	Special
			Orange, Yellow, Red	Green, Grey, Royal Box	Dark Navy, Navy, Royal Blue	Black
Wash Fastness Method E2S (95°C)	ISO 105-C06	Colour Change	4-5	4-5	4-5	4
		Stain on Polyester	4-5	4-5	4	4
		Stain on Cotton	4	4	4	3-4
Rub Fastness	ISO 105-X12	Wet	3	3	2-3	2
		Dry	4	4	4	4
Light Fastness	ISO 105-B02		3	4	4	4

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