



Flame Retardant fabric for FR-clothing

COLOMBO AS

99% COTTON / 1% ANTISTATIC /
350 GSM / TWILL 2/2



Fabric name	Colombo AS
Fabric weight	350 ± 10 gsm
Composition	99% Cotton, 1% Antistatic (Carbon)
Full width	152 ± 2 cm
Weave	Twill 2/2
Finishes	Flame Retardant
Application	FR-clothing
Washing instruction	

FR & SPECIAL PROPERTIES

Flame retardant	ISO 11612 (A1 & A2, B1, C1, E3, F1)	5×60°C ISO 6330
	ISO 11611 (Class 2)	5×60°C ISO 6330
Anti static	ISO 1149-5	5×60°C ISO 6330
Electric arc	ISO 61482-1-2 (Class 1)	5×60°C ISO 6330
Multi-Risk	ISO 13034	5×60°C ISO 6330
Industrial Washes	ISO 15025 (A1 & A2)	100×75°C ISO 15797

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	1800	1100
Tearing strength, N	ISO 13937-2:2000	45	40
Dimensional Stability To Washing, max	ISO 5077-ISO 15797	<3%	
Abrasion Resistance	ISO 12947-2:1999	26,000 rubs	
Pilling Resistance	ISO 12945-2:2001	4	

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	4-5	4-5	4-5	4-5
		Stain on Polyester	4-5	4-5	4	4
		Stain on Cotton	4	4	4	3-4
Rub Fastness	ISO 105-X12:1995	Wet	3	3	2-3	2
		Dry	4	4	4	4
Light Fastness	ISO 105-B02		3	4	4	4

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