XM FireLine

Flame Retardant fabric for FR-clothing

SONORA AS

80% COTTON / 19% POLYESTER / 1% AS

185 GSM / PLAIN 1/1

Fabric name	Sonora AS
Fabric weight	185 ± 10 gsm
Composition	80% Cotton, 19% Polyester, 1% AS
Full width	150 ± 2 cm
Weave	Plain 1/1
Finishes	Flame Retardant
Application	FR Lining
Washing instruction	

FR & SPECIAL PROPERTIES

Contrast colour	EN 20471	5×60°C ISO 6330
Flame retardant	EN 11612 (A1, A2, C1, F1)	5×60°C ISO 6330
Antistatic	EN 1149-5 (1149-3 method 2)	5×60°C ISO 6330

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	750	550
Tearing strength, N	ISO 13937-2:2000	16	15
Dimensional Stability To Washing, max	ISO 5077	3%	
Abrasion Resistance	ISO 12947-2:1999	17,000 rubs	
Pilling Resistance	ISO 12945-2:2001	4	

COLOUR FASTNESS

			Light	Mid	Dark	Special
			Orange, Yellow	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	4-5	4	4
		Stain on Cotton	4-5	4-5	4-5	4
Rub Fastness	ISO 105-X12	Wet	4	3	3	3
		Dry	4-5	4	4	4
Light Fastness	ISO 105-B02		3	4	4	4

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