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Fire-Blocker 155

FABRIC DESCRIPTION		
COMPOSITION	93% Meta-Aramid, 5% Para-Aramid, 2% Antistatic	
WEIGHT (g/m ²)	155	
WIDTH (cm)	160	
CONSTRUCTION	1/1 Plain	
AVAILABLE FINISHES	Natural Finish, Water Repellant Finish or Wicking Finish	
PROTECTION LEVEL	TEST METHOD	RESULT
 HEAT AND FLAME PROTECTION	ISO 11612	A1, B1, C1, F1
 ELECTROSTATIC PROTECTION	EN 1149-3 & EN 1149-5	PASS
 ELECTRIC ARC PROTECTION (BOX TEST)	IEC 61482-2	Class 1 (4 kA)
 FLAME RESISTANT CLOTHING FOR PROTECTION OF INDUSTRIAL PERSONELL AGAINIST SHORT DURATION THERMAL EXPOSURES FROM FIRE	NFPA 2112	PASS
DETAILED PROPERTIES	TEST METHOD	RESULT
DIMENSIONAL CHANGE AFTER WASHING	EN ISO 5077	≤3 %
HEAT RESISTANCE 180 °C	ISO 17493	PASS
HEAT RESISTANCE 260 °C	NFPA 2112 sec 8.4	PASS
HEAT TRANSFER EVALUATION OF FLAME RESISTANT MATERIALS	NFPA 2112 sec 8.2	PASS
FLAME RESISTANCE OF TEXTILES (VERTICAL TEST)	NFPA 2112 sec 8.3	PASS
MANIKIN THERMO TEX TEST	ASTM F1930	34.5 % (including the head sensors)
BURNING BEHAVIOUR BY OXYGEN INDEX	ASTM D2863-17	27.7 %
TENSILE STRENGTH	EN ISO 13934-1	Warp 600 N Weft 500 N
TEAR STRENGTH	EN ISO 13937-2	Warp 20 N Weft 20 N
FLAMMABILITY	EN ISO 14116	Index 3
LIQUID CHEMICALS	EN 13034	N/A
DETERMINATION OF FORBIDDEN AZO COLORANTS	EN ISO 14362-1	PASS
COLOUR FASTNESS TO WASHING	EN ISO 105-C06 Met.C1S (40 °C)	4-5
COLOUR FASTNESS TO DRY CLEANING	EN ISO 105-D01	4-5
COLOUR FASTNESS TO RUBBING	EN ISO 105-X12	Dry: 4-5 Wet:3-4
COLOUR FASTNESS TO PERSPIRATION	EN ISO 105-E04	Acid: 4-5 Alcaline: 4-5
DETERMINATION OF PH VALUE	EN ISO 3071	3,5-9,5
PILLING RESISTANCE (2000 RUBS)	EN ISO 12945-2	4
CLEANING INSTRUCTION		

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