



MODERN. AGILE. ROBUST. SUSTAINABLE

Technical Specification Sheet

Quality No: IHHEA

Fabric Description

Product	Modacrylic Multiblend
Fiber Blend	50% Modacrylic + 32% Aramid cotton + 10% Kevlar + 5% Nylon + 3% Belton
Weight	200 gsm or 6 Oz (+/- 5 %)
Weave	Twill
Finish	Inherent FR
Full width	150 cm

Physical Properties

Construction	EPI PPI	98 +/- 5 % 64 +/- 5 %	ASTM D 3775-03a
Tear Strength (N)	Warp Weft	18 18	ISO 13937-2 Trouser shape
Tensile Strength (N)	Warp Weft	700 350	ISO 13934-1 Strip Method
% Shrinkage (After 5HL)	Warp Weft	-3.0 -3.0	ISO 6330:2000-2A Temp 60°C
Pilling	Rating	3-4	
Seam Slippage (N)	Warp Weft	>115 >115	ISO 13936-1
Abrasion Resistance(cycles)	Not Break	>25000	ISO 12947:2 Matrindale
PH		6-8	ISO 3071
Color Fastness			
To Washing Color change		4 4	ISO 105 C-06
To Water Color change		4 4	ISO 105 E-01
To Crocking	Dry	Light shade: 4/ Med Shade: 3-4 /Dark Shade : 3	ISO 105 X-12
	Wet	Light 3-4shade: 3/ Med Shade: 2-3 /Dark Shade : 3	

Care

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Protection

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NFPA 2112, ISO 11612, ISO 11611, EN 61482-1-2, N 1149-5, ATPV : 8.5cal/cm2