EN 1149-5 EN 11612

150 gr/m², 99% Cotton
1% Carbon, VAT Dyed,
Flame Retardant
(100 Wash Resistant),
Antistatic, 1/1 Plain Fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

60

CL

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ArWoWear T0 Flame+Arc Pro - 5344 Navy

ArWoWear T0 Flame+Arc Pro - 5345 White

Description

ArWoWear T0 Flame Arc Pro is 150 gr/m², 99% Cotton 1% Carbon, vat dyed, flame retardant, antistatic shirt fabric. It has flame retardant function with EN ISO 11612 certification.
Due to carbon fibers used on the back side of the fabric it has antistatic certification (EN 1149-5).
It is durable up to 100 washing.

Technical Parameters

Name	Values	Standards
Fiber	99% Cotton (CO) 1% Carbon (CF)	EN ISO 2076
Yarn	Warp:60/2Ne; Weft:60/2Ne	EN ISO 2060
Weight	150 ±10 gr/m²	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>800N; Weft>600N	EN ISO 13934-1
Tear Strength	Warp>20N; Weft>15N	EN ISO 13937-2
Dimensional Change	-3%<Length<+3%;-3%<Width<+3%	EN ISO 5077
Rubbing Fastness	4-5	EN ISO 105 X12
Perspiration Fastness	4-5	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C06
Dry Cleaning Fastness	4-5	EN ISO 105 D01
Hypochlorite Fastness	4-5	EN ISO 105 N01
Peroxide Fastness	4-5	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	6-7	EN ISO 105 B02
Perspiration Light Fast.	4-5	EN ISO 105 B07
pH	6.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Flame Retardant Shirt	
Quality Management	Done	ISO 9001
Antistatic	Yes	EN ISO 1149-5
Flame and Heat Protection	Yes	EN ISO 11612