TEST REPORT

Report No.: 66.430.26.4599.01

Dated: 2026-09-14

中国认可
国际互认
检测
TESTING
CNAS L7038

Applicant:	Treck S.A.
Address:	Avenida Santa Rosa 5220, San Joaquin, Santiago, Chile
Contact Person:	Andres

Sample Submitted: The Sample(s) and Its (Their) Information(s) Was (Were) Submitted by Applicant and Identified.

A. Navy/Charcoal shirt (the whole garment/12-06-296) - 1 piece
B. Navy/Charcoal trousers (the whole garment/12-06-297) - 1 piece
C. Navy/Charcoal shirt (the whole garment/147-20-070) - 1 piece
D. Navy/Charcoal trousers (the whole garment/116-06-396) - 1 piece
E. Orange/Grey outer vest (the whole garment/06-01-377) - 1 piece
F. Navy/Grey outer vest (the whole garment/06-01-410) - 1 piece
G. Yellow/Grey outer vest (the whole garment/12-06-542) - 1 piece
H. Yellow/Grey outer vest (the whole garment/12-06-599) - 1 piece
I. Navy/Khaki outer vest (the whole garment/12-06-306) - 1 piece
J. Orange/Khaki outer vest (the whole garment/30-01-054) - 1 piece
K. Khaki shirt (the whole garment/12-06-159) - 1 piece
L. Navy shirt (the whole garment/12-06-160) - 1 piece
M. Light Blue shirt (the whole garment/147-20-052) - 1 piece
N. Khaki shirt (the whole garment/12-06-172) - 1 piece
O. Navy shirt (the whole garment/147-20-045) - 1 piece
P. Khaki trousers (the whole garment/12-06-157) - 1 piece
Q. Navy trousers (the whole garment/12-06-158) - 1 piece
R. Khaki trousers (the whole garment/12-06-171) - 1 piece
S. Navy trousers (the whole garment/147-20-046) - 1 piece
T. Orange/Grey coverall (the whole garment/06-01-373) - 1 piece
U. Red/Grey coverall (the whole garment/06-01-374) - 1 piece
V. Navy/Grey coverall (the whole garment/06-01-375) - 1 piece
W. Royal Blue/Grey coverall (the whole garment/06-01-376) - 1 piece
X. Orange/Khaki coverall (the whole garment/12-06-303) - 1 piece
Y. Red/Khaki coverall (the whole garment/12-06-488) - 1 piece
Z. Navy/Khaki coverall (the whole garment/12-06-341) - 1 piece
AA. Red/Grey jacket (the whole garment/06-01-378) - 1 piece
AB. Navy/Grey jacket (the whole garment/06-01-379) - 1 piece
AC. Orange/Grey jacket (the whole garment/06-01-417) - 1 piece
AD. Red/Khaki jacket (the whole garment/12-06-490) - 1 piece
AE. Navy/Khaki jacket (the whole garment/12-06-304) - 1 piece
AF. Orange/Khaki jacket (the whole garment/12-06-489) - 1 piece
AG. Navy/Grey trousers (the whole garment/147-20-008) - 1 piece
AH. Navy/Grey coverall (the whole garment/06-01-380) - 1 piece
AI. Red/Grey coverall (the whole garment/06-01-381) - 1 piece
AJ. Royal Blue/Grey coverall (the whole garment/06-01-382) - 1 piece
AK. Grey woven fabric - 1 piece
AL. Yellow woven fabric - 1 piece
AM. Khaki woven fabric - 1 piece
AN. Light Blue woven fabric - 1 piece
AO. Red woven fabric - 1 piece
AP. Orange woven fabric - 1 piece
AQ. Navy woven fabric - 1 piece

AR. Royal Blue woven fabric - 1 piece
AS. Khaki shirt (the whole garment/06-01-191) - 1 piece
AT. Navy/Black shirt (the whole garment/12-06-721) - 1 piece

Sample Description:	88% Cotton 10%Nylon 2%Carbon fiber, 240gsm±5%, Twill
Colour:	Grey, Yellow, Khaki, Light blue, Red, Orange, Navy, Royal blue
Style No.:	FRARCTEX-2400AS
Sample Received Date:	2026-08-21
Date of Testing:	2026-08-25 to 2026-08-28 and 2026-09-08 to 2026-09-10
Test Result(s):	Refer to the Section 2 and 3

Note:
(1) Each order is subject to acceptance of our General Terms and Conditions and the TÜV SÜD Testing, Certification, Validation and Verification Regulation, in the version valid at the time the contract is concluded. For full version of above both documents, please visit the link to view.
(2) The results in this report are relevant only to the sample(s) tested.
(3) The test report shall not be reproduced except in full without the written approval of the laboratory.
(4) Disclaimer Measurement Uncertainty:
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 or CNAS-GL015:2022.
(5) The testing report without CMA stamp is not legally binding and could only be used as internal reference material for the applicant. It shall not be provided as a notarial certification.

1. Test Sample Photo(s)

Sample A
Front



Back



Sample B
Front



Back



Sample C
Front



Back



Sample D
Front



Back



Sample E
Front



Back



Sample F
Front



Back



Sample G
Front



Back



Sample H
Front



Back



Sample I
Front



Back



Sample J
Front



Back



Sample K
Front



Back



Sample L
Front



Back



Sample M
Front



Back



Sample N
Front



Back



Sample O
Front



Back



Sample P
Front



Back



Sample Q
Front



Back



Sample R
Front



Back



Sample S
Front



Back



Sample T
Front



Back



Sample U
Front



Back



Sample V
Front



Back



Sample W
Front



Back



Sample X
Front



Back



Sample Y
Front



Back



Sample Z
Front



Back



Sample AA
Front



Back



Sample AB
Front



Back



Sample AC
Front



Back



Sample AD
Front



Back



Sample AE
Front



Back



Sample AF
Front



Back



Sample AG
Front



Back



Sample AH
Front



Back



Sample AI
Front



Back



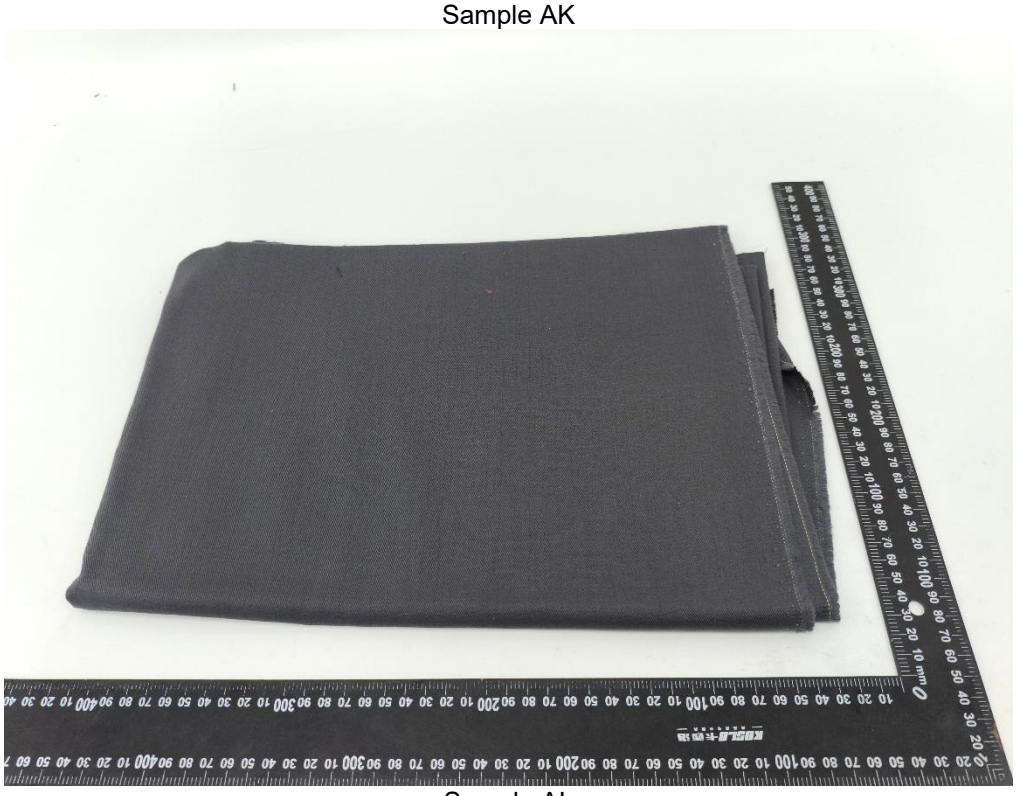
Sample AJ
Front



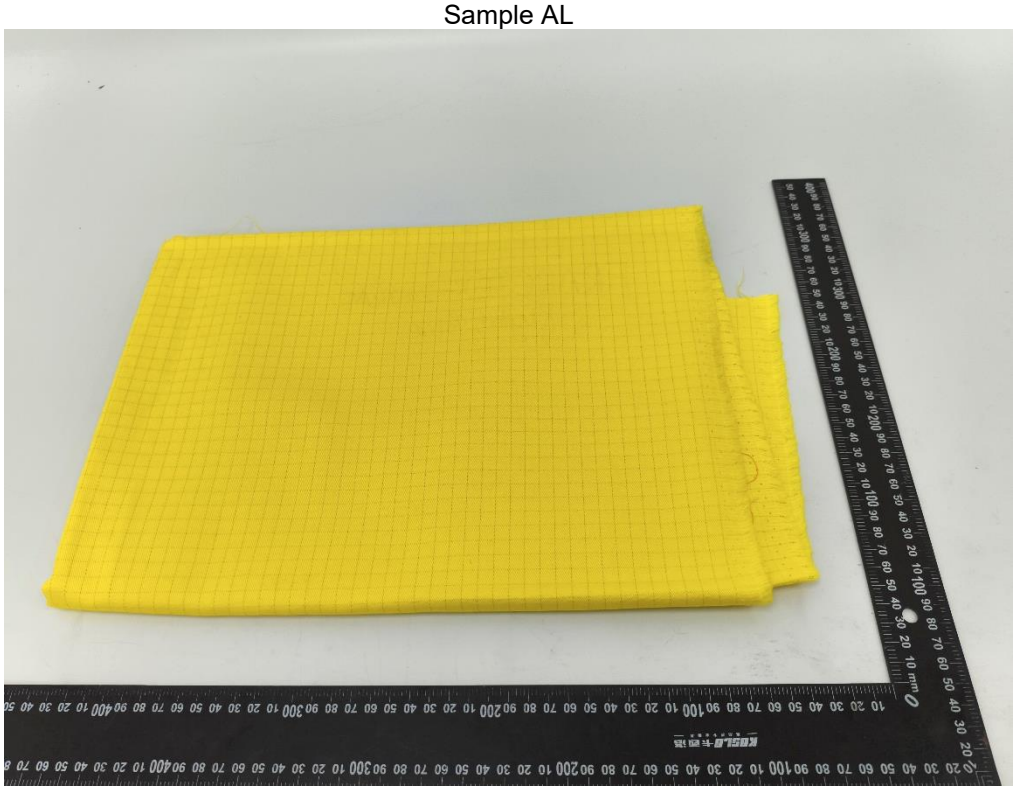
Back



Sample AK



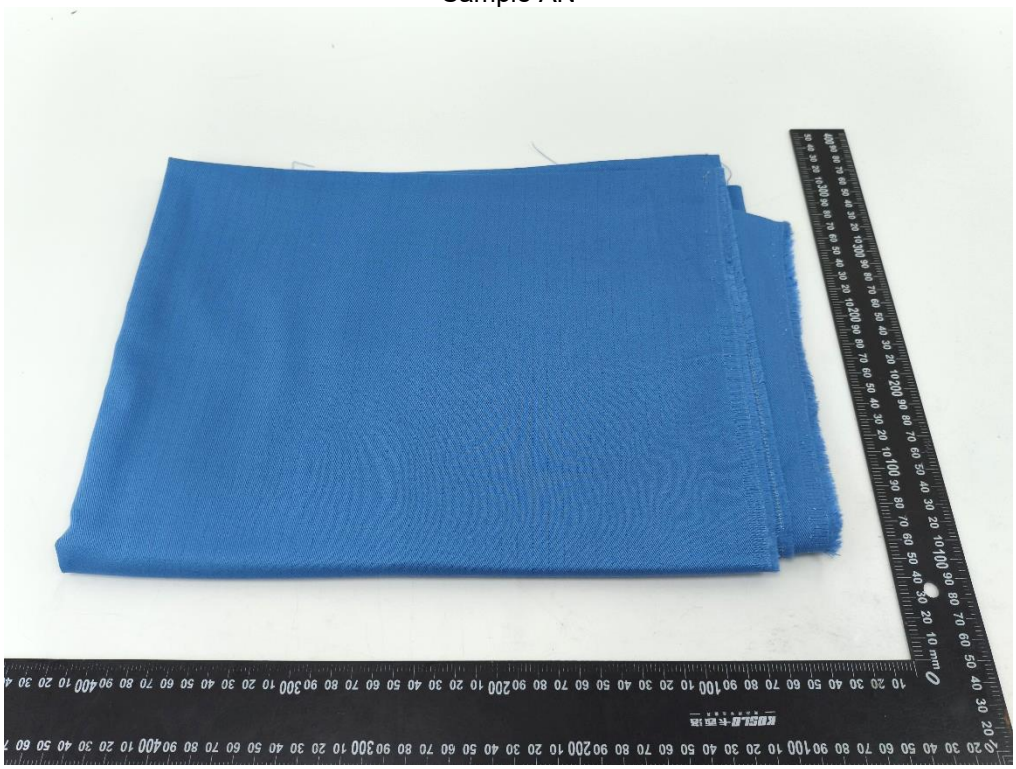
Sample AL



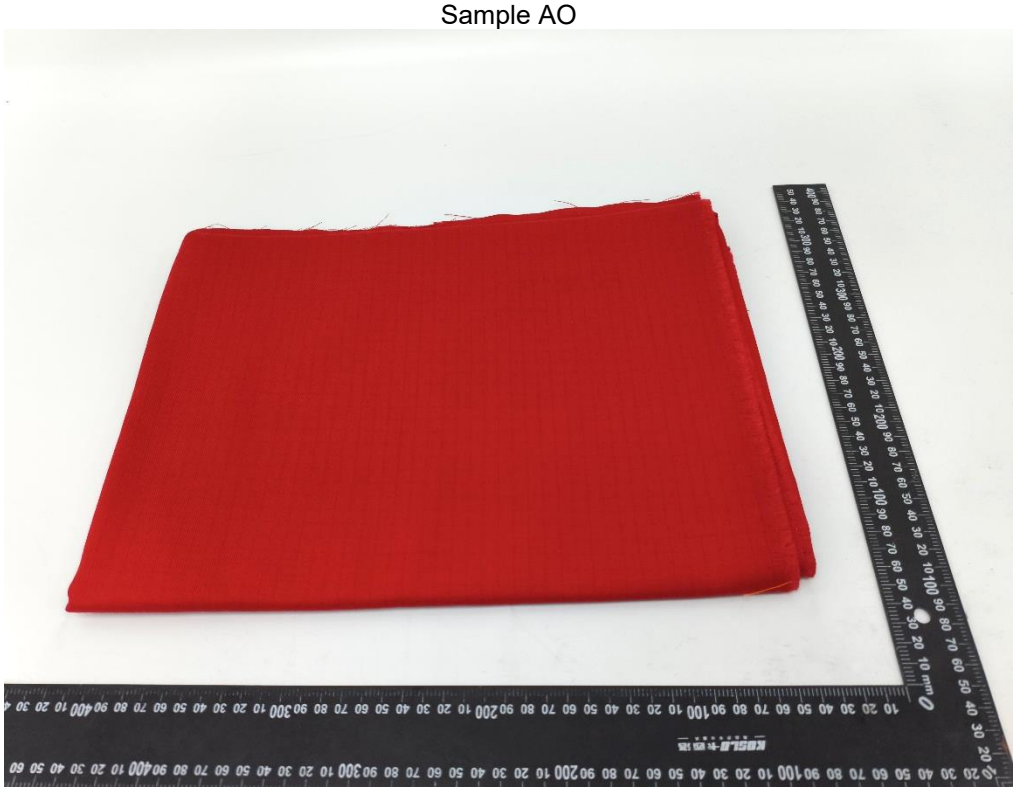
Sample AM



Sample AN



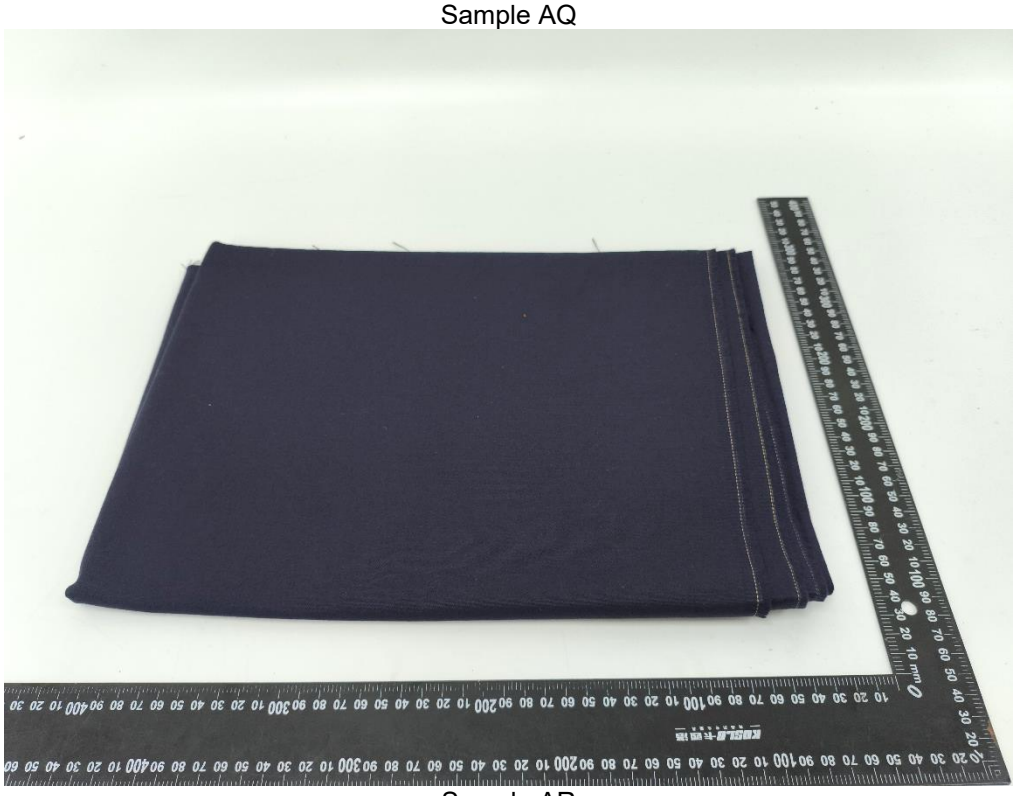
Sample AO



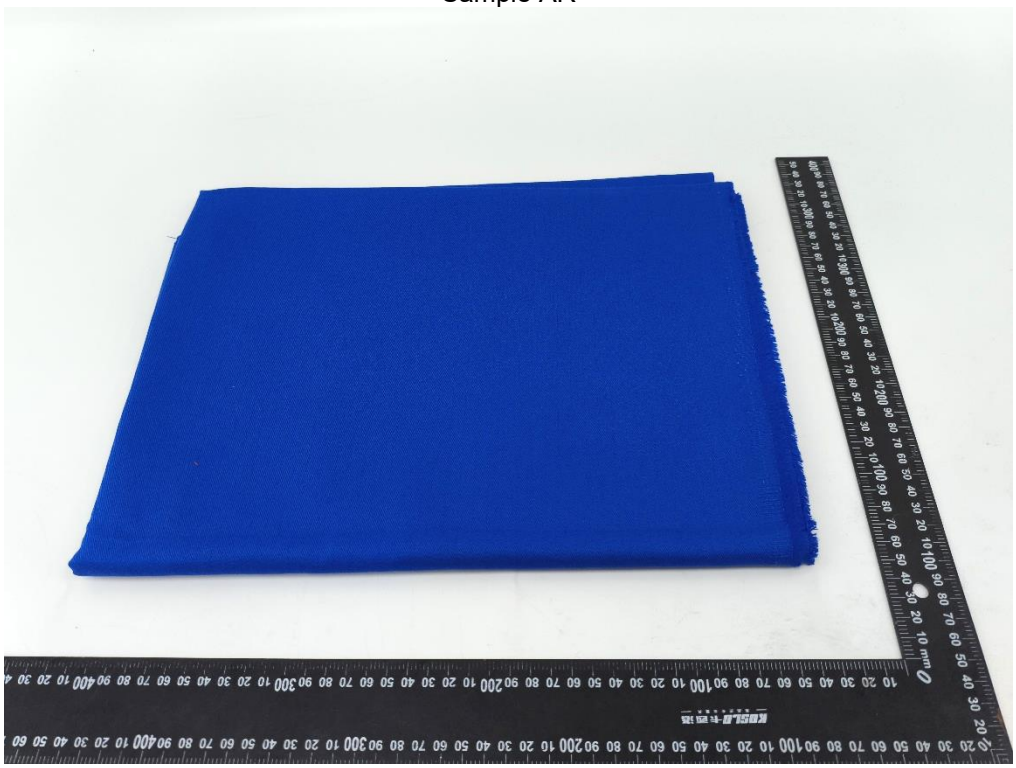
Sample AP



Sample AQ



Sample AR



Sample AS
Front



Back



Sample AT
Front



Back



2. Conclusion

No.	Test Parameter(s)	Conclusion
1.	General Clothing Design Requirements	Pass
2.	UVR Protection	Pass

Notes: Pass = Meet Requirement
Fail = Below Requirement
# = No Comment
- = Did Not Perform
N/A = Not Applicable

Remark: (1) Samples are tested as received.

TÜV SÜD Certification and Testing (China) Co., Ltd. Xiamen Branch

Reviewed by:

Stacey Yang
Softlines Department

Approved by:

Damon Zheng
Softlines Department

3. Test Result(s)

3.1 General Clothing Design Requirements (EN 13758-2:2003+A1:2006 Clause 4.1)

Sample	Results	Requirements	Conclusion
A	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
B	Comply	Clothing designed to offer protection to the lower body shall at least cover the lower body completely.	Pass
C	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
D	Comply	Clothing designed to offer protection to the lower body shall at least cover the lower body completely.	Pass
E+K	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
E+L	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
E+M	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
E+N	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
E+O	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
E+AS	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
E+AT	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
F+K	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
F+L	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
F+M	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
F+N	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
F+O	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
F+AS	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
F+AT	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
G+K	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
G+L	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
G+M	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
G+N	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
G+O	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
G+AS	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
G+AT	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
H+K	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
H+L	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass

3.1 General Clothing Design Requirements (EN 13758-2:2003+A1:2006 Clause 4.1)

Sample	Results	Requirements	Conclusion
H+M	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
H+N	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
H+O	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
H+AS	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
H+AT	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
I+K	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
I+L	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
I+M	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
I+N	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
I+O	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
I+AS	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
I+AT	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
J+K	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
J+L	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
J+M	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
J+N	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
J+O	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
J+AS	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
J+AT	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
K	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
L	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
M	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
N	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
O	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
P	Comply	Clothing designed to offer protection to the lower body shall at least cover the lower body completely.	Pass
Q	Comply	Clothing designed to offer protection to the lower body shall at least cover the lower body completely.	Pass

3.1 General Clothing Design Requirements (EN 13758-2:2003+A1:2006 Clause 4.1)

Sample	Results	Requirements	Conclusion
R	Comply	Clothing designed to offer protection to the lower body shall at least cover the lower body completely.	Pass
S	Comply	Clothing designed to offer protection to the lower body shall at least cover the lower body completely.	Pass
T	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
U	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
V	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
W	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
X	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
Y	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
Z	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
AA	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
AB	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
AC	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
AD	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
AE	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
AF	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
AG	Comply	Clothing designed to offer protection to the lower body shall at least cover the lower body completely.	Pass
AH	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
AI	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
AJ	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass

3.2 UVR Protection (EN 13758-2:2003+A1:2006 Clause 4.2, EN 13758-1:2001+A1:2006)

Washing test method: ISO 6330:2021
Washing cycles: 5 cycles
Type: Uniform

Sample	Parameters	Results	Requirement	Conclusion
AK - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	591.91	-	
	$UVA_{Average}$ (%)	0.23	< 5%	
	$UVB_{Average}$ (%)	0.14	-	
	Standard Deviation of $UPF_{Average}$	60.96	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.02	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.01	-	
AK - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1996.29	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	4.09	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
AL - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	455.39	-	
	$UVA_{Average}$ (%)	0.39	< 5%	
	$UVB_{Average}$ (%)	0.15	-	
	Standard Deviation of $UPF_{Average}$	29.60	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.03	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.01	-	
AL - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	607.53	-	
	$UVA_{Average}$ (%)	0.36	< 5%	
	$UVB_{Average}$ (%)	0.10	-	
	Standard Deviation of $UPF_{Average}$	30.24	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.02	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	

Remark: Procedure No.: 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 °C with 2 kg total dry mass (type I (100% cotton) + specimen) and “ECE(A)” detergent +sodium perborate + TAED. Tumble dry low. Wash all the samples together.

3.2 UVR Protection (EN 13758-2:2003+A1:2006 Clause 4.2, EN 13758-1:2001+A1:2006)

Washing test method: ISO 6330:2021
Washing cycles: 5 cycles
Type: Uniform

Sample	Parameters	Results	Requirement	Conclusion
AM - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	511.98	-	
	$UVA_{Average}$ (%)	0.40	< 5%	
	$UVB_{Average}$ (%)	0.16	-	
	Standard Deviation of $UPF_{Average}$	22.20	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.02	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.01	-	
AM - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	651.83	-	
	$UVA_{Average}$ (%)	0.38	< 5%	
	$UVB_{Average}$ (%)	0.11	-	
	Standard Deviation of $UPF_{Average}$	20.66	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.01	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
AN - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1326.92	-	
	$UVA_{Average}$ (%)	0.35	< 5%	
	$UVB_{Average}$ (%)	0.06	-	
	Standard Deviation of $UPF_{Average}$	13.24	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
AN - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1055.86	-	
	$UVA_{Average}$ (%)	0.47	< 5%	
	$UVB_{Average}$ (%)	0.06	-	
	Standard Deviation of $UPF_{Average}$	39.36	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.02	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	

Remark: Procedure No.: 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 °C with 2 kg total dry mass (type I (100% cotton) + specimen) and “ECE(A)” detergent +sodium perborate + TAED. Tumble dry low. Wash all the samples together.

3.2 UVR Protection (EN 13758-2:2003+A1:2006 Clause 4.2, EN 13758-1:2001+A1:2006)

Washing test method: ISO 6330:2021
Washing cycles: 5 cycles
Type: Uniform

Sample	Parameters	Results	Requirement	Conclusion
AO - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	613.87	-	
	$UVA_{Average}$ (%)	0.20	< 5%	
	$UVB_{Average}$ (%)	0.14	-	
	Standard Deviation of $UPF_{Average}$	40.16	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.01	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.01	-	
AO - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1989.40	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	13.03	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
AP - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1846.14	-	
	$UVA_{Average}$ (%)	0.09	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	37.57	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.01	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
AP - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1980.03	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	22.92	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.01	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	

Remark: Procedure No.: 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 °C with 2 kg total dry mass (type I (100% cotton) + specimen) and “ECE(A)” detergent +sodium perborate + TAED. Tumble dry low. Wash all the samples together.

3.2 UVR Protection (EN 13758-2:2003+A1:2006 Clause 4.2, EN 13758-1:2001+A1:2006)

Washing test method: ISO 6330:2021
Washing cycles: 5 cycles
Type: Uniform

Sample	Parameters	Results	Requirement	Conclusion
AQ - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1985.03	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	15.10	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
AQ - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	>2000.00	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	0.00	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
AR - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1671.83	-	
	$UVA_{Average}$ (%)	0.18	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	41.04	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.01	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
AR - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1851.95	-	
	$UVA_{Average}$ (%)	0.12	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	25.87	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.01	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	

Remark: Procedure No.: 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 °C with 2 kg total dry mass (type I (100% cotton) + specimen) and “ECE(A)” detergent +sodium perborate + TAED. Tumble dry low. Wash all the samples together.

-- END OF THE TEST REPORT --