

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A)bonded fabric (ANKA-BONDED FABRIC(SOFA USE FABRIC))

Color : (A)ORANGE

Fiber Content : (A)100% POLYESTER

Sample Receiving Date : Dec 29, 2021

Testing Period : Dec 30, 2021 - Jan 06, 2022

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant



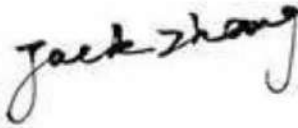
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Conclusion	A	Remark
Colour Fastness To Light	PASS	
Dimensional Stability To Washing	See Results	
Abrasion Resistance	PASS	
Tearing Strength	See Results	
Tensile Strength	See Results	
Allergenic Dyes/Disperse Dyes	See Results	
Carcinogenic Dyes	See Results	
Formaldehyde	See Results	
pH Value	See Results	

Remark(s) : PASS=Meet Client's Requirement

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Hangzhou Branch



jack-yl_zhang(Account Executive)



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COMPONENT LIST / List of Materials

Sample No.	Component No.	Description	Material	Color	Remark
A	1	Face fabric	/	Orange	/
A	2	Base fabric	/	Black	/

Test Result

Colour Fastness To Light

(ISO 105-B02:2014; Method 2 (Modified), use Xenon arc lamp, Exposure Cycle: A1, no flip-flop mode was used)

Comparison upto blue wool reference 4

-	Unit	A	Requirement
Grade(B.W.S)	-	4	Min.4

Dimensional Stability To Washing

(ISO 3759:2011/ISO 5077:2007/ISO 6330:2012; Using horizontal axis, front-loading type machine; Procedure No.3N, Machine Wash At 30°C; with 2.0±0.2kg total dry mass (Type III (100% Polyester) Ballast+ Specimen) and 'ECE(A)' detergent+ Sodium Perborate+ TAED, Line Dry.)

After 1 Wash

-	Unit	A	Requirement
Lengthwise	%	-1.4	-
Widthwise	%	-0.1	-

Remark: (+)Means Growth; (-)Means Shrinkage

Abrasion Resistance

(ISO 12947-2:2016; Martindale Abrasion & Pilling Tester, Pressure: 12kPa)

As Received

-	Unit	A	Requirement
The quoted result	Rubs	Exceed25000	Min.25000 Rubs

Tearing Strength

(ISO 13937-1:2000+Cor.1:2004; Elmendorf)

As Received

-	Unit	A	Requirement
Warp/Length Yarns Torn	N	Exceed63	-
Weft/Width Yarns Torn	N	55	-



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Tensile Strength

(ISO 13934-2:2014; Grab method)

As Received

	Unit	A	Requirement
Warp/Length	N	930	-
Weft/Width	N	600	-

pH Value

Test Method : According to ISO 3071:2020; 0.1 mol/L KCl extraction

Test Item(s)	1
pH value	5.9
pH value of extraction solution	6.3
Temperature of the extraction solution	20 °C

Notes :

The client's requirement: -

Formaldehyde

Test Method : According to ISO 14184-1: 2011, analysis was performed by UV-Vis.

Test Item(s)	CAS NO.	1+2
Formaldehyde	50-00-0	ND

Notes :

Reporting Limit :16 mg/kg
 ND = Not Detected (< RL)
The client's requirement:-



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Carcinogenic Dyes

Test Method : With reference to DIN 54231:2005, analysis was performed by HPLC-DAD-MSD.

Test Item(s)	CAS NO.	1+2
Acid Red 26 (CI No: 16150)	3761-53-3	ND
Basic Red 9 (CI No: 42500)	569-61-9	ND
Basic Violet 14 (CI No: 42510)	632-99-5	ND
Direct Black 28	6745-67-1	ND
Direct Blue 6 (CI No: 22610)	2602-46-2	ND
Direct Red 28 (CI No: 22120)	573-58-0	ND
Disperse Blue 1 (CI No: 64500)	2475-45-8	ND
Disperse Orange 11 (CI No: 60700)	82-28-0	ND
Disperse Yellow 3 (CI No: 11855)	2832-40-8	ND

Notes :

ND = Not Detected(< RL)
Reporting Limit = 15 mg/kg



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Allergenic Dyes

Test Method : With reference to DIN 54231:2005, analysis was performed by HPLC-DAD-MSD.

Test Item(s)	CAS NO.	1+2
Disperse Blue 1 (CI No. 64500)	2475-45-8	ND
Disperse Blue 3 (CI No: 61505)	2475-46-9	ND
Disperse Blue 7 (CI No: 62500)	3179-90-6	ND
Disperse Blue 26 (CI No: 63305)	3860-63-7	ND
Disperse Blue 35 (CI No: 42500)	12222-75-2/56524 -77-7/ 56524-76-6	ND
Disperse Blue 102	69766-79-6/12222 -97-8	ND
Disperse Blue 106	68516-81-4/12223 -01-7	ND
Disperse Blue 124	61951-51-7	ND
Disperse Brown 1	23355-64-8	ND
Disperse Orange 1 (CI No: 11080)	2581-69-3	ND
Disperse Orange 3 (CI No: 11005)	730-40-5	ND
Disperse Orange 37/76 (CI No: 11132)	13301-61-6	ND
Disperse Red 1 (CI No: 11110)	2872-52-8	ND
Disperse Red 11 (CI No: 62015)	2872-48-2	ND
Disperse Red 17 (CI No: 11210)	3179-89-3	ND
Disperse Yellow 1 (CI No: 10345)	119-15-3	ND
Disperse Yellow 3 (CI No: 11855)	2832-40-8	ND
Disperse Yellow 9 (CI No: 10375)	6373-73-5	ND
Disperse Yellow 39	12236-29-2	ND
Disperse Yellow 49	54824-37-2	ND

Notes :

- (1) ※ The CAS number of Disperse Blue 35: 56524-77-7 and 56524-76-6
 ND = Not Detected(< RL)
 Reporting Limit = 15 mg/kg

Remark:

Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.



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Sample Photo



The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report



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