

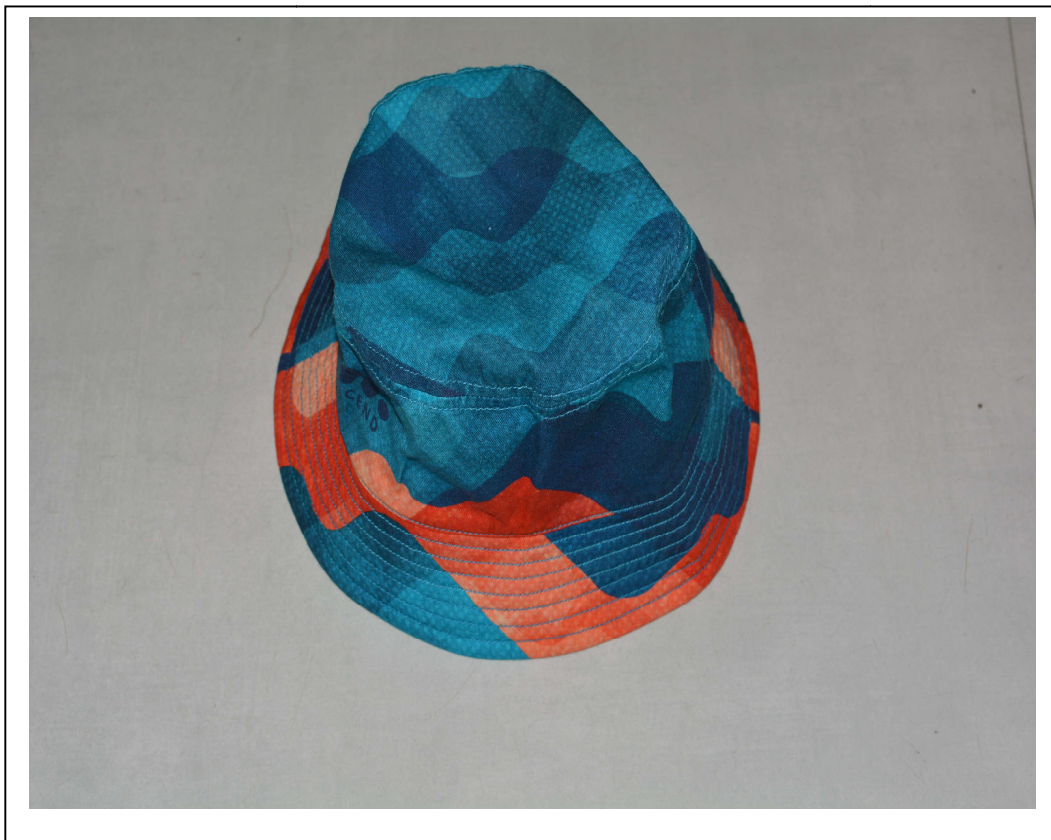
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ULR-

Report Number

Report Date

01-05-2023



Report Number

STANDARD TECHNICAL LLP.

F-26, 1ST FLOOR, SECTOR-11, NOIDA

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TEST REPORT

APPLICANT :

Report Number

Report Date

01-05-2023

Sample Received

26-04-2023

ATTN

Status

Pass

Sample quantity / sample type : 4/HAT + LOOSE FABRIC
Tests requested : GARMENT PACKAGE TEST
Product description : HAT
End use : HAT
Season : NOT PROVIDED
Age Group : NOT PROVIDED
Buyer : POP PROMOS
Style number : PD2338
Reference number : PD2338 BULK 4 ASCEND
Testing Period : 26-04-2023 to 01-05-2023
Color name / reference : BLUE MULTI
Fiber content : 100% COTTON
Country of origin : INDIA
Country of destination : USA

Submitted care instructions : MACHINE WASH COLD 30 °C ,NORMAL CYCLE ,ONLY NON CHLORINE BLEACH WHEN NEEDED,TUMBLE DRY LOW,WARM IRON WHEN NEEDED ,DO NOT DRYLEAN ,WASH AND DRY SEPARATELY.

Approved By



AMIT KUMAR
Technical Manager

"Note: (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory, (3) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full."

Report Number
Report Date 01-05-2023

RESULT SUMMARY	Pass	Fail	Remarks
Fabric weight			DATA
Yarn Size			DATA
Read/pick per inch			DATA
Fiber analysis qualitative/quantitative	X		
Color fastness to washing	X		
Color fastness to crocking	X		
Color fastness to water	X		
Color Fastness to Perspiration	X		
Dimensional stability to washing	X		
Tensile strength	X		
Tear strength	X		
Appearance after washing	X		
Flammability (US)	EXEMPTED		
Colorfastness to light	X		
Formaldehyde Test	X		
CPSIASection101,Total Lead in Substrate Materials	N/A		
California Proposition 65,Total Lead in Substrate Materials	N/A		
Phthalates–Mouthable (DBP,BBP,DEHP,DnOP,DINP,DIDP)	N/A		
California Proposition65, Phthalates(DBP,BBP,DEHP,DINP,DIDP,DnHP)	N/A		
Total Lead in paint and similar surface coating	N/A		

Note : N/A = Not Applicable

REMARKS :

Report Number

Report Date 01-05-2023

Tests Description	Results	Requirements
1 : Fabric weight (GSM) (ASTM D3776 :1996(2020))		
G/m ²	194.5	REFER RESULT
Oz/Yd ²	5.74	
2 : Yarn Size (ASTM D 1059:2022)		
Warp	21 ^s Ne	REFER RESULT
Weft	23 ^s Ne	
REMARK: Ne= ENGLISH COUNT		
3 : Read/pick per inch (ASTM D 3775:2017)		
Warp	114/Inch	REFER RESULT
Weft	60/Inch	
4 : Fiber analysis qualitative/quantitative (AATCC 20: 2021/ AATCC 20A: 2021)		
LAB ANALYSIS	100%COTTON	CLAIMED:100%COTTON 0% TOLERANCE FOR SINGLE FIBER
RECOMMENDED	100%COTTON	
5 : Color fastness to washing (AATCC 61:2013) Test No. 2A,Mod 45 min. Mechanical wash at 105 degree F in 0.15% 1993 AATCC Standard Reference detergent 'WOB' solution with 50 steel balls)		
Color Change	4.0 (All Color)	4.0
Acetate	4.5	4.0
Cotton	4.5	4.0
Nylon	4.5	4.0
Polyester	4.5	4.0
Acrylic	4.5	4.0
wool	4.5	4.0
Self Staining	4.5	4.5

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Tests Description	Results	Requirements		
6 : Color fastness to crocking (AATCC 8:2016)				
	oblique direction			
Dry	4.5	4.0		
Wet	3.5	3.0		
7 : Color fastness to water (AATCC 107:2013)				
Color Change	4.0 (All Color)	4.0		
Acetate	4.5	4.0		
Cotton	4.5	4.0		
Nylon	4.5	4.0		
Polyester	4.5	4.0		
Acrylic	4.5	4.0		
wool	4.5	4.0		
Self Staining	4.5	4.5		
8 : Color Fastness to Perspiration (AATCC 15:2021)				
Color Change	4.0 (All Color)	4.0		
Acetate	4.5	4.0		
Cotton	4.5	4.0		
Nylon	4.5	4.0		
Polyester	4.5	4.0		
Acrylic	4.5	4.0		
wool	4.5	4.0		
Self Staining	4.5	4.5		
9 : Dimensional stability to washing (AATCC 150: 2018) Washing Procedure: Machine wash cold, Normal cycle at 85 ^o F with AATCC 1993 reference detergent with optical brightener reference followed by tumble dry low with warm iron.				
	Original (Inch)	After 3 rd Wash (Inch)	Dimension Change (%)	
CAP ROUND	14.69	14.63	-0.4	+/-3%
CAP LENGTH	8.81	8.55	-2.9	

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Tests Description	Results	Requirements
10 : Tensile strength (ASTM D 5034:2021)		
Warp	83.0 lbs	25 lbs
Weft	38.1 lbs	25 lbs
11 : Tear strength (ASTM D1424-2021)		
Warp	2.8 lbs	2 lbs
Weft	2.5 lbs	2 lbs
12 : Appearance after washing (IN HOUSE TEST-METHOD) Washing Procedure: Machine wash cold, Normal cycle at 85°F with AATCC 1993 reference detergent with optical brightener reference followed by tumble dry low, Warm iron [wash and dry separately`		
After 3rd Wash		
	SLIGHT SHADE CHANGE (RATING 4.0) IS OBSERVED IN ALL COLORS.	4.0
	NO NOTICEABLE CROSS STAINING (RATING4.5) IS OBSERVED.	4.5
	NO NOTICEABLE PILLING/FUZZINESS (RATING 4.5) IS OBSERVED.	4.0
	NO FRAYING OF SURFACE THREADS IS OBSERVED.	NO FRAYING
	NO NOTICEABLE PUCKERING IS OBSERVED ALONG THE SEAM AREA.	NO SEAM PUCKERING
	NO BROKEN SEAM IS OBSERVED.	NO BROKEN SEAM
	THE GENERAL APPEARANCE OF WASHED CAP IS SATISFACTORY.	SATISFACTORY
13 : Colorfastness to light (AATC 16.3 : 2014)		
Color change after 20 AFU	Grade 4.0 (All Color)	Grade 4.0
14 : Flammability (US) (16 CFR 1610-2008)		
	EXEMPTED*	CLASS 1

*As Verified and reported in the report fabric weight of sample is 194.5 Gm/M² (5.73 Oz./ Yds²) Thus the sample is exempt from flammability accordance with: 16CFR 1610.1(D)1

Required criteria for testing: Plain surface fabric with fabric weight ≥ 2.6 Oz./ Yds².

Report Number
Report Date
01-05-2023
Tests Description
Results
Requirements
15 : Formaldehyde Test

(AATCC 94: 2020)

NEGATIVE

NEGATIVE

16 : CPSIA Section101, Total Lead in Substrate Materials

CPSC-CH-E1002-08.3: 2012 (Non-Metal), Equipment used: Atomic Absorption Spectroscopy (AAS).

N/A*

Limit(mg/kg)

<100

REMARKS : * TOTAL LEAD IN SUBSTRATE MATERIAL TEST IS NOT APPLICABLE ON CELLULOSIC MATERIAL.

17 : California Proposition65 , Total Lead in Substrate Materials

CPSC-CH-E1002-08.3: 2012 (Non-Metal), Equipment used: Atomic Absorption Spectroscopy (AAS).

N/A*

Limit(mg/kg)

<100

REMARKS : * TOTAL LEAD IN SUBSTRATE MATERIAL TEST IS NOT APPLICABLE ON CELLULOSIC MATERIAL.

18 : Client's Requirement, Phthalates–Mouthable (DBP,BBP,DEHP,DnOP,DINP,DIDP)

Based on CPSC-CH-C1001.09.4: 2018, Equipment used: Gas Chromatography with Mass Spectrometry (GC-MS).

Test Item	CAS No.	Limit(mg/kg)
Dibutylphthalate (DBP)	84-74-2	<1000
Benzyl butyl phthalate (BBP)	85-68-7	<1000
Di-(2-ethylhexyl) phthalate(DEHP)	117-81-7	<1000
Di-n-octylphthalate (DnOP)	117-84-0	<1000
Diisononylphthalate (DINP)	28553-12-0 / 68515-48-0	<1000
Diisodecylphthalate (DIDP)	26761-40-0, 68515-49-1	<1000

REMARKS : *Phthalate test is not applicable as submitted sample does not have plasticized material.

Tests Description	Results	Requirements
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19 : California Proposition 65, Phthalates–(DBP,BBP,DEHP,DINP,DIDP, DnHP)

Based on CPSC-CH-C1001.09.4: 2018, Equipment used: Gas Chromatography with Mass Spectrometry (GC-MS).

Test Item	CAS No.	Limit(mg/kg)
Dibutylphthalate (DBP)	84-74-2	<1000
Benzylbutylphthalate (BBP)	85-68-7	<1000
Di-(2-ethylhexyl) phthalate(DEHP)	117-81-7	<1000
Diisononylphthalate (DINP)	28553-12-0 / 68515-48-0	<1000
Diisodecylphthalate (DIDP)	26761-40-0, 68515-49-1	<1000
Di-n-hexylphthalate (DnHP)	84-75-3	<1000

REMARKS : Phthalate test is not applicable as submitted sample does not have plasticized material.

20: Total Lead in paint and similar surface coating

Coating: CPSC-CH-E1003-09.1, Instrument Used: Atomic absorption spectroscopy (AAS)

Limit(mg/kg)
N/A*
<100

*Note: Lead in surface coating test is not applicable as there is no scrapable surface coating on the submitted sample

END OF THE TEST REPORT