

Job No.: /

Report No.: HQ161030XXX

Date: Apr. 14, 2016

Applicant: XX

XX

Contact(s): XX

Overall Rating:	
Data	<input type="checkbox"/>
Satisfactory	<input type="checkbox"/>
Unsatisfactory	<input type="checkbox"/>
Others, See Detail Enclosed	<input checked="" type="checkbox"/>

Sample Information

  	Client:	XX
	Supplier:	XX
	Factory:	XX
	Item No.:	XX
	Disney Reference Number:	/
	Division:	XX
	Age Group:	Adult
	Sample Description:	XX A.Hoodie B.Navy Main Fabric
	Sample Submitted:	1 style of hoodie (2pcs) & additional 1 kind of fabric & 3pcs additional hoodies by applicant in good condition
	Country of Origin:	Mexico
	Country of Destination:	U.S.A
	Received Date:	Mar. 28, 2016 & Apr. 12, 2016
	Testing Period:	Mar. 28, 2016 to Apr. 14, 2016
Testing Standard:	Selected tests as requested by applicants, details refer to following pages.	
Service Location:	Hangzhou	
Remark:	/	

*****To be Continued

Testing Summary of Tested Component on Submitted Sample:

Sample	A	B
1 Fiber Composition	/	#
2 16 CFR 1610 Flammability (Textile)	/	P
3 Care Label Recommendation	#	/

Remark:

P=Pass

#=No Comment

/= Not Tested

*****To be Continued

Authorized by:
HQTS QA International Services Co., Ltd.



Neil Peng
Supervisor

1 Fiber Composition

AATCC 20:2013

		#B.Navy Main Fabric
Polyester (%)	:	100
Comment	:	Actual Finding

2 Flammability

16 CFR 1610:2013, As received

Fiber Content of #B.Navy Main Fabric: 100% Polyester by AATCC 20:2013 method.

Remark:

Based on the preliminary analysis test result (fiber content) as above, thus the submitted samples are exempt from flammability testing in accordance the statement within 16 CFR 1610.1(d) (2)

*****To be Continued

3 Care Label Recommendation

ASTM D 5489:2014/ ASTM D 3938:2013

Dimensional Stability to Washing (AATCC 150:2012; After 3 washing cycles, Washing procedure: machine washing at 30°C, normal cycle with 1993 AATCC Standard Reference Detergent , tumble dry low.)

		A	
	L0	L1	S (%)
	(cm)	(cm)	Aft. (3) w
Front Body Length from HPS	: 74.00	73.00	-1.4
Center Body Length	: 73.00	72.10	-1.2
Chest Width at Armhole	: 69.00	68.50	-0.7
Across Shoulder	: 59.20	58.70	-0.8
Sleeve Length	: 63.20	63.00	-0.3
Armhole (Straight)	: 27.50	27.00	-1.9
Sleeve Opening Width	: 9.00	9.10	+1.1
Hood Width	: 25.00	25.00	neg
Hood Opening Length	: 81.20	81.00	-0.2

Remarks: (+) Means Extension, (-) Means Shrinkage, (neg) means negligible

Appearance Retention after Home Laundering (After 3 washing cycles , Washing procedure: machine washing at 30°C , normal cycle with 1993 AATCC Standard Reference Detergent , tumble dry low.)

Observation:

1. Slight color change was found on the white fabric of washed sample and the grade is 4;
2. No obvious cross-staining was found on the washed sample and the grade is 4.5;
3. Slight pilling and fuzzing was found on the front of fabric; obvious pilling was found on the back of fabric; obvious pilling was found on the rib fabric;
4. Slight creases were found on the washed fabric;
5. Slight puckers were found along the stitching;
6. No breakage was found on the fabric/stitching.
7. Flying fiber was found on the washed sample.

*****To be Continued

Dimensional Stability to Washing (AATCC 150:2012; After 3 washing cycles, Washing procedure: machine washing at 30°C, gentle cycle with 1993 AATCC Standard Reference Detergent , tumble dry low.)

		A		
	L0	L1		S (%)
	(cm)	(cm)		Aft. (3) w
Front Body Length from HPS	: 74.00	73.00		-1.4
Center Body Length	: 73.00	72.10		-1.2
Chest Width at Armhole	: 69.00	68.50		-0.7
Across Shoulder	: 59.20	58.70		-0.8
Sleeve Length	: 63.20	63.00		-0.3
Armhole (Straight)	: 27.50	27.00		-1.9
Sleeve Opening Width	: 9.00	9.10		+1.1
Hood Width	: 25.00	25.00		neg
Hood Opening Length	: 81.20	81.00		-0.2

Remarks: (+) Means Extension, (-) Means Shrinkage, (neg) means negligible

Appearance Retention after Home Laundering (After 3 washing cycles , Washing procedure: machine washing at 30°C, gentle cycle with 1993 AATCC Standard Reference Detergent , tumble dry low.)

Observation:

1. Slight color change was found on the white fabric of washed sample and the grade is 4;
2. No obvious cross-staining was found on the washed sample and the grade is 4.5;
3. Morderate pilling and slight fuzzing was found on the front of fabric; obvious pilling was found on the back of fabric; obvious pilling was found on the rib fabric;
4. Slight creases were found on the washed fabric;
5. Slight puckers were found along the stitching;
6. No breakage was found on the fabric/stitching.
7. Flying fiber was found on the washed sample.

*****To be Continued

Dimensional Stability to Washing (AATCC TS-006; After 3 washing cycles, hand washing at 30°C, with 1993 AATCC Standard Reference Detergent , flat dry.)

		A		
	L0	L1		S (%)
	(cm)	(cm)		Aft. (3) w
Front Body Length from HPS	: 74.00	73.00		-1.4
Center Body Length	: 73.00	72.10		-1.2
Chest Width at Armhole	: 69.00	68.50		-0.7
Across Shoulder	: 59.20	58.70		-0.8
Sleeve Length	: 63.20	63.00		-0.3
Armhole (Straight)	: 27.50	27.00		-1.9
Sleeve Opening Width	: 9.00	9.10		+1.1
Hood Width	: 25.00	25.00		neg
Hood Opening Length	: 81.20	81.00		-0.2

Remarks: (+) Means Extension, (-) Means Shrinkage, (neg) means negligible

Appearance Retention after Home Laundering (After 3 washing cycles, hand washing at 30°C, with 1993 AATCC Standard Reference Detergent , flat dry.)

Observation:

1. No obvious color change was found on the white fabric of washed sample and the grade is 4.5;
2. No obvious cross-staining was found on the washed sample and the grade is 4.5;
3. No obvious pilling and fuzzing was found on the front of fabric; no obvious pilling was found on the back of fabric; no obvious pilling was found on the rib fabric;
4. No obvious creases were found on the washed fabric;
5. No obvious puckers were found along the stitching;
6. No breakage was found on the fabric/stitching.
7. Flying fiber was found on the washed sample.

*****To be Continued

Dimensional Stability to Commercial dry-cleaning(AATCC 158:2011; after 1 dry cleaning cycle, normal material procedure)

		A	
	L0	L1	S (%)
	(cm)	(cm)	Aft. (1) d
Front Body Length from HPS	: 74.80	74.00	-1.1
Center Body Length	: 72.60	71.90	-1.0
Chest Width at Armhole	: 68.50	68.00	-0.7
Across Shoulder	: 57.60	56.70	-1.6
Sleeve Length	: 63.00	61.80	-1.9
Armhole (Straight)	: 27.50	26.90	-2.2
Sleeve Opening Width	: 9.80	9.70	-1.0
Hood Width	: 24.50	24.00	-2.0
Hood Opening Length	: 76.60	75.50	-1.4

Remarks: (+) Means Extension, (-) Means Shrinkage, (neg) means negligible

Appearance Retention after Dry cleaning (After 1 drycleaning cycle, normal material procedure)

Observation :

1. Slight color change was found on the dry cleaned sample and the grade is 4;
2. No obvious cross-staining was found on the dry cleaned sample and the grade is 4.5;
3. Slight pilling and fuzzing was found on the front of fabric; morderate pilling was found on the back of fabric; morderate pilling was found on the rib fabric;
4. Slight creases were found on the washed fabric;
5. Slight puckers were found along the stitching;
6. No breakage was found on the fabric/stitching.
7. Flying fiber was found on the washed sample.

*****To be Continued

Color fastness to hot pressing (AATCC 133:2013, Temperature of heating device: 110 degree C)

Color fastness to dry pressing: A
Color change grade (immediately): 4.5
Color change grade (after 4h): 4.5

Color fastness to damp pressing: A
Color change grade (immediately): 4.5
Color staining grade (immediately): 4.5
Color change grade (after 4h): 4.5
Color Staining grade (after 4h): 4.5

Color fastness to wet pressing: A
Color change grade (immediately): 4.5
Color staining grade (immediately): 4.5
Color change grade (after 4h): 4.5
Color Staining grade (after 4h): 4.5

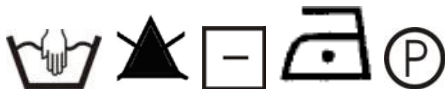
Remark:

Grade 1– The Worst, Grade 3- Middle Grade, Grade 5– The Best

Source Light:D-65

Overall conclusion:

Refer to the result of above, we recommend the care instruction of sample A (#01-19403-011) as below:



Hand wash cold

Do not bleach

Flat dry

Low Iron

Dry clean

***** End of Report