Fabric TEST REPORT

NUMBER : VNMT14034859
DATE : 07-Nov-2014

APPLICANT : **DOAN KET CO., LTD**
25/54/2B Ho Van Long Str, Tan Tao Ward,
Binh Tan District,Ho Chi Minh,VIET NAM
ATTN : **Mr Hung.**

OVERALL RATING	
PASS	**X**
FAIL	

Vendor's Name	: Volume One
Style No.	: 50-6198
PO No.	: 558756, 558760, 558762
Sample Description As Declared	: Knit Fabric Sample, 4SS Cold Shldr Surplice T
Fibre Content	: 95% Polyester 5% Spandex
Color	: Pantone 19-3952TCX
Fabric Code	: DKP-112
End Uses	: Dress
Finishing	: Dark Resin
Product Type	: Womens Plus
Factory Name	: Phu Hoa An Textile Joint Stock Company
Country Of Origin	: Made In Vietnam
Brand	: Torrid
Department Code	: 50
Testing Type	: Initial
Fabric Type	: Knit
Testing Package Type	: Fabric Package
Supplemental Packages	: Prop 65
Standard	: Torrid
Date Received/Date Test Started	: 05 Nov 2014
Reference	: Dye Type: Disperse
Fabric Construction	: Not Provided
Fabric Weight	: 200 g/m² (+/-5%)

Applicant Provided Care Instructions :
Wash And Dry With Like Colors
Machine Wash Cold
Gentle Cycle
Use Only Non-Chlorine Bleach If Needed
Tumble Dry Low
Warm Iron If Needed

TEST CONDUCTED : AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO ENCLOSED PAGE(S)

AUTHORIZED BY
FOR INTERTEK VIETNAM LTD. [HO CHI MINH]

GIANG BACH

OPERATIONS MANAGER

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Intertek

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CONCLUSION :

Fiber Content	M*
Dimensional Stability To Washing	M
Appearance After Wash	M
Color Fastness To Washing	M
Color Fastness To Light	M
Color Fastness To Crocking	M
Color Fastness To Non-Chlorine Bleach	M
Color Fastness To Perspiration	M
Fabric Weight	M
Pilling Resistance	M
Bursting Strength	M
Stretch & Recovery	M
Wearing Apparel Flammability (Exempt)	**

Note : M = Meet Buyer's Requirement F = Below Buyer's Requirement
# = No Comment N/A = Not Applicable
C = Conform Label - = Did Not Perform
* = See Remark NC = Not Conform Label
**= The Sample Is Exempt From Flammability Testing In Accordance With 16 CFR 1610.1(d)
M1 = Based upon the results of the flammability test reported, the sample submitted for testing is rated as a Class 1 Material (Normal Flammability) when tested and classified in accordance with procedures and requirements of the Federal Flammable Fabrics Act of 16 CFR part 1610 originally effective from January 1953 and amended in 2008. It meets buyer's requirement in Flammability Test.

NOTE :

*The Submitted Sample Is Recommended To Be Labeled As: 95% Polyester 5% Spandex

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TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

1. Fiber Content

AATCC 20/20A - 2013

		Requirement
Base On Moisture Regain Weight:		
Polyester (%)	95.8	95% Polyester
Spandex (%)	4.2	5% Spandex
Moisture Regain Of:		
Spandex (%)	1.3	
Polyester (%)	0.4	

REMARK:
Blends: +/-3.0%

2. Dimensional Stability To Washing

AATCC 150 - 2012 , Test No. (2) II (Aii), Machine Wash At 80°F, Gentle Cycle, In AATCC 1993 Referance Detergent With 1.8 Kg Load, Followed By Tumble Dry Low.

After 3rd Wash

		Requirement
Length (%)	(-) 0.6	-6.0%/+1.0%
Width (%)	(-) 1.1	-6.0%/+1.0%

REMARK :
(-) Means Shrinkage

3. Appearance After Wash

Machine Wash At 80°F, Gentle Cycle, In AATCC 1993 Referance Detergent With 1.8 Kg Load, Followed By Tumble Dry Low.

		Requirement
After 3rd Wash		
Colour Change	4.5	4.0

Observation :

. No Pilling Was Noted On Fabric Surface.
. General Appearance: Satisfactory

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4. Color Fastness To Washing

AATCC 61 - 2013, Test No. 2A Modified, 45 Minutes Mechanical Wash At 105°F In 0.15% AATCC WOB 1993 Detergent Solution With 50 Steel Balls

			Requirement
Color Change		4.5	4.0
Color Staining	Acetate	4.5	3.0
	Cotton	4.5	
	Nylon	3.5	
	Polyester	4.0	
	Acrylic	4.5	
	Wool	4.0	
	Self Staining	4.5	4.5

5. Color Fastness To Light

AATCC 16.3 - 2012, Xenon Arc Lamp, Water Cooled

			Requirement
Color Change	After 20 AFU	4.0	3.5

6. Color Fastness To Crocking

AATCC 8 - 2013

		Requirement
Dry	4.5	4.0
Wet	4.5	3.0

7. Color Fastness To Non-Chlorine Bleach

AATCC TS-001 , (1) Soak With 1.88% Powder Clorox 2 For 1 Minute, (2) Spot With One Drop Of Liquid Clorox 2 And Wait For 5 Minutes

		Requirement
Color Change	.	
Powder	4.5	4.0
Liquid	4.5	4.0

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8. Color Fastness To Perspiration

AATCC 15 - 2013

			Requirement
Color Change		4.5	4.0
Color Staining	Acetate	4.5	3.0
	Cotton	4.5	
	Nylon	4.5	
	Polyester	4.5	
	Acrylic	4.5	
	Wool	4.5	

9. Fabric Weight

ASTM D3776 - 09ae02

		Requirement
(g/m²)	196.5	200 g/m²
(oz/yd²)	5.8	+/- 5.0%

10. Pilling Resistance

ASTM D3512 - 10e02

		Requirement
After 30 Minutes	4.5	3.5

11. Bursting Strength

ASTM D3786 - 2013

		Requirement
Result	55.7 psi	45 psi

12. Stretch & Recovery

ASTM D2594 - 04(2012)

Length		Requirement
Fabric Growth After 1 hr Recovery	1.6%	Max 7.0%
Fabric Stretch After Cycling Under 5lbs	29.6%	-
Fabric Recovery After 1 hr Recovery	89.5%	-

Width		Requirement
Fabric Growth After 1 hr Recovery	3.2%	Max 7.0%
Fabric Stretch After Cycling Under 5lbs	54.8%	-
Fabric Recovery After 1 hr Recovery	89.5%	-

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13. Wearing Apparel Flammability (Exempt)

16 CFR 1610 - 2008

		Requirement
Result	Exempted By Fabric Weight, Refer To Conclusion (5.8 oz/yd²)	Class 1

END OF THE TEST REPORT

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Addressee in respect of this report and only accepts liability to the Addressee insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute.

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