

NUMBER : VNMT19004455 DATE : 19-Feb-2019

Applicant: SILKFLEX VIETNAM CO.,LTD

43/4C MY HOA 1 HAMLET, TRUNG CHANH COMMUNE, HOC MON DISTRICT, HCMC, VIETNAM, VIET NAM

ATTN: SAHMAN MINH

Conclusion of Report Summary	:	Pass
Failure Test Item	:	

Sample Description As Declared : One (01) Group Of Submitted Mock Up

Sample

Material Name & Code : Elastisol White Xm, Elastisol Clear

Xm, Elastisol White Mc, Elastisol

Clear Mc

Material Colour & Code : White

Material Composition : Elastisol White Xm, Elastisol Clear

Xm, Elastisol White Mc, Elastisol

Clear Mc

Category. : Infant (Footwear Size ≤ UK 10.5K,

Apparel Size ≤ 92) / Kid (Apparel

size 98-176)/ Adult

Addidas Division : Apparel
Buyer Name : addidas

Season :

Test Key Code : 509 Under Adidas-A01 Standard

Version 16 2018

RSL Based On : Adidas-Group A-01

Supplier & Contact Person :

Country Of Supplier : Malaysia
Country Of Destination : Vietnam

Style No. : Lot No./Purchase Order No. : Article No. : Fiber Content : Test Type : Vendor Name : -

Date Received : 25 Jan 2019
Date Test Started : 14 Feb 2019

AUTHORIZED BY

FOR INTERTEK VIETNAM LTD. [HO CHI MINH]

PHUONG LE

) hmml

SOFTLINES GENERAL MANAGER

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)

Page 1 of 8



NUMBER: VNMT19004455

Conclusion:		
<u>Tested</u>	<u>Standard</u>	Result
Sample/Component		
	Adidas Group A-01 Policy Version No. 16 Testing	
	Requirements	
Tested Component	Tributyltin (TBT)	Pass
	Dibutyltin (DBT)	Pass
	Triphenyltin (TPhT)	Pass
	Dyoctyltin (DOT)	Pass
	Mono-butyltin (MBT)	Pass
	Monooctyltin (MOT)	Pass
	Trioctyltin (TOT)	Pass
	PCP/TeCP/TriCP (Sum)	Pass
	Nonylphenol (NP), Octylphenol (OP), Nonylphenol	Pass
	Ethoxylates (NPEO) And Octylphenol Ethoxylate	
	(OPEO) Content	
	Formaldehyde Test	Pass
	Short Chained Chlorinated Paraffines (C10 - C13)	Pass
	Total Cadmium (Cd) Content	Pass
	Total Lead (Pb) Content	Pass
	Phthalate Content	Pass
	Orthophenyl Phenol (OPP)	Pass
	Heavy Metal Analysis	Pass

### REMARKS

The Submitted Sample Is White Color And Be Exempted For Polycyclic Aromatic Hydrocarbons(PAHs) Tests As Per Buyer's Advice.

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY) Page 2 of 8



TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

#### 1. Organotin Compounds

ISO/TS 16179 - 2012, Determined by Gas Chromatography-Mass Spectrometer (GC-MS) analysis

		<u>Adidas TLV</u>
		<u>In ppm</u>
Compound	(1)	
	Result (ppm)	
Mono-butyltin (MBT)	N	1
Dibutyltin (DBT)	N	1
Tributyltin (TBT)	N	N
Monooctyltin (MOT)	N	1
Dioctyltin (DOT)	N	1
Trioctyltin (TOT)	N	1
Triphenyltin (TPhT)	N	0.5

REMARK:

N = Not Detected

Detection Limit = 0.05 ppm ppm = part per million = mg/kg

Tested Component:

(1) White Paint

2. Pentachlorophenol (PCP), Tetrachlorophenol (TeCP) and Trichlorophenol (TriCP) Content Pre-Treatment: Extraction with KOH (16 h at 90°C), Derivatization acc. to ISO 17070 (2015), And Gas Chromatography-Mass Spectrometer (GC-MS) Analysis.

		<u>Adidas TLV In</u>
		mqq
	(1)	
Compound	Result (ppm)	(I/II)
Pentachlorophenol (PCP)	N	
Tetrachlorophenol (TeCP)	N	
Trichlorophenol (TCP)	N	
Sum Of Above	N	0.05/0.5

#### **REMARK:**

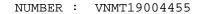
N = Not Detected
Detection Limit = 0.05 ppm
ppm = part per million = mg/kg
(I/II) = (Infant's Wear (Size 10.5K-92)/ Adult's Wear)

## Tested Component:

(1) White Paint

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)

Page 3 of 8





# 3. Nonylphenol (NP), Octylphenol (OP), Nonylphenol Ethoxylates (NPEO) And Octylphenol Ethoxylate (OPEO) Content

Extraction With THF (For NP & OP), DIN EN ISO 18254-1: 2016-09 (For NPEO & OPEO In Textiles) And DIN EN ISO 18218-1 (For NPEO & OPEO In Leather), Followed By Liquid Chromatography-Tandem Mass Spectrometer (LC-MS-MS) Analysis.

		Adidas TLV In
		mqq
Compound	(1)	
	Result (ppm)	
Nonylphenol (NP)	N	10
Octylphenol (OP)	N	10
Nonylphenol Ethoxylates (NPEO)	N	
Octylphenol Ethoxylates (OPEO)	N	
Total	N	100

#### REMARK:

N = Not Detected

Detection Limit = 10 ppm For APEOs And 1 ppm For APs ppm = part per million = mg/kg

Tested Component :

(1) White Paint

#### 4. Formaldehyde Test

Japan Law 112 (JIS L 1041:2011) or DIN EN ISO 14184-1 (2011) EN 717-3 (1996) In Case Of Wood

		<u>Adidas TLV In</u>	
		mqq	
Tested Components	Result (ppm)	(I/II/III)	
(1)	N	16/20/75	

#### **REMARK:**

N = Not Detected

Detection Limit = 3 ppm

ppm = part per million = mg/kg

(I/II/III) = (Infant's Wear (Size 10.5K-92)/Kid's Wear (Size 98-176)/ Adult's Wear)

#### Tested Component:

(1) White Paint

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)

Page 4 of 8



### 5. Short Chained Chlorinated Paraffines (C10 - C13)

With reference to DIN EN ISO 18219:2016-02 (for leather) and extraction with 5ml THF ultrasonic 30 min at 70°C; shaking for 30 min; then +10mL ACN & ultrasonic 30 min at 70°C; filtrate with PTFE 0.45μm (for polymers) determined by Gas Chromatography-Mass Spectrometer (GC-MS).

Adidas TLV In

NUMBER: VNMT19004455

mqq

Tested Components (1)

Result (ppm) Ν

1000

REMARK:

N = Not Detected

Detection Limit = 100 ppm

ppm = part per million = mg/kg

Tested Component:

(1) White Paint

#### 6. Total Cadmium (Cd) Content

Microwave Digestion Method Was Used Or EN 1122 (2001), DIN EN 16711-1 (2016) (For Textile), Prdin EN ISO 17072-2 (2017) (For Leather) And DIN EN ISO 11885 (2009) By Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) Analysis.

<u>Adidas TL</u>V In

ppm

Tested Components

Result (ppm) (1)<2

40

**REMARK:** 

< = Less Than

ppm = Parts Per Million = mg/kg

Tested Components:

(1) White Paint

#### 7. Total Lead (Pb) Content

Microwave Digestion Method Was Used Or DIN EN 16711-1 (2016)(For Textiles), PrDIN EN ISO 17072-2 (2017) (For Leather) And DIN EN ISO 11885 (2009) By Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) Analysis.

Adidas TLV In

mqq

Tested Components

Result (ppm) < 2.

(1)

40

REMARK:

< = Less Than

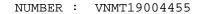
ppm = Parts Per Million = mg/kg

Tested Components:

(1) White Paint

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)

Page 5 of 8





#### 8. Phthalate Content

Pre-Treatment/ Test Method: DIN EN ISO 14389 (2014)

		<u>Adidas TLV </u>
		<u>In ppm</u>
	(1)	
	Result (ppm)	
Dibutyl Phthalate (DBP)	N	
Diethyl Hexyl Phthalate	N	
(DEHP)		
Di-(Iso-Nonyl) Phthalate	N	
(DINP)		
Benzyl Butyl Phthalate (BBP)	N	
Di-(N-Octyl) Phthalate (DNOP)	N	
Di-(Iso-Decyl) Phthalate	N	
(DIDP)		
Diisobutyl Phthalate (DIBP)	N	
Di-C6-8-branched	N	
alkylphthalates (DIHP)		
Di-C711-branched	N	
alkylphthalates (DHNUP)		
Di-n-hexylphthalate (DnHP)	N	
Di-(2-methoxymethyl)-	N	
phthalate (DMEP)		
Di-n-pentyl Phthalate (DnPP)	N	
Di-cyclohexylphthalate (DCHP)	N	
Sum of Above Phthalates	N	500
Diethyl phthalate (DEP)	N	-

REMARK:

N = Not Detected

Detection Limit = 50 ppm

ppm = part per million = mg/kg

Tested Component:

(1) White Paint

# 9. Orthophenyl Phenol (OPP)

Pre-Treatment: Extraction with KOH (16 h at 90°C), Derivatization acc. to ISO 17070 (2015), And Gas Chromatography-Mass Spectrometer (GC-MS) Analysis.

		<u>Adidas TLV In</u>
		mqq
Tested Components	Result (ppm)	
(1)	N	1000

REMARK:

N = Not Detected

Detection Limit = 10 ppm

ppm = part per million = mg/kg

Tested Component:

(1) White Paint

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)



NUMBER: VNMT19004455

### TEST REPORT

### 10. Heavy Metal Analysis

With Reference To DIN EN ISO 105 E04 - 2013 (Pre-Treatment) In Acid Solution (1 Hour Extraction With 37°C)/Leather: prDIN EN ISO 17072-1 (2017), For Lead, Cadmium, Chromium, Antimony: DIN EN ISO 11885 (2009)/For Mercury: DIN EN ISO 12846 (2012), By Inductively Coupled Argon Plasma Mass Spectrometry (ICP-MS) Analysis

		Adidas TLV In
		mqq
Element	(1)	
	Result (ppm)	(I/II)
Sol. Cadmium (Cd)	<0.03	0.1
Sol. Chromium (Cr)	<0.5	1/2
Sol. Lead (Pb)	<0.1	0.2/1
Sol. Mercury (Hg)	<0.01	0.02

REMARK:

Sol. = Soluble

< = Less Than</pre>

ppm = Parts Per Million = mg/kg

(I/II) = (Infant's Wear (Size 10.5K-92)/ Adult's Wear)

Tested Components:

(1) White Paint

#### ## END OF THE TEST REPORT ##

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <a href="http://www.intertek.com/terms">http://www.intertek.com/terms</a>.

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)



# Report Number: VNMT19004455

