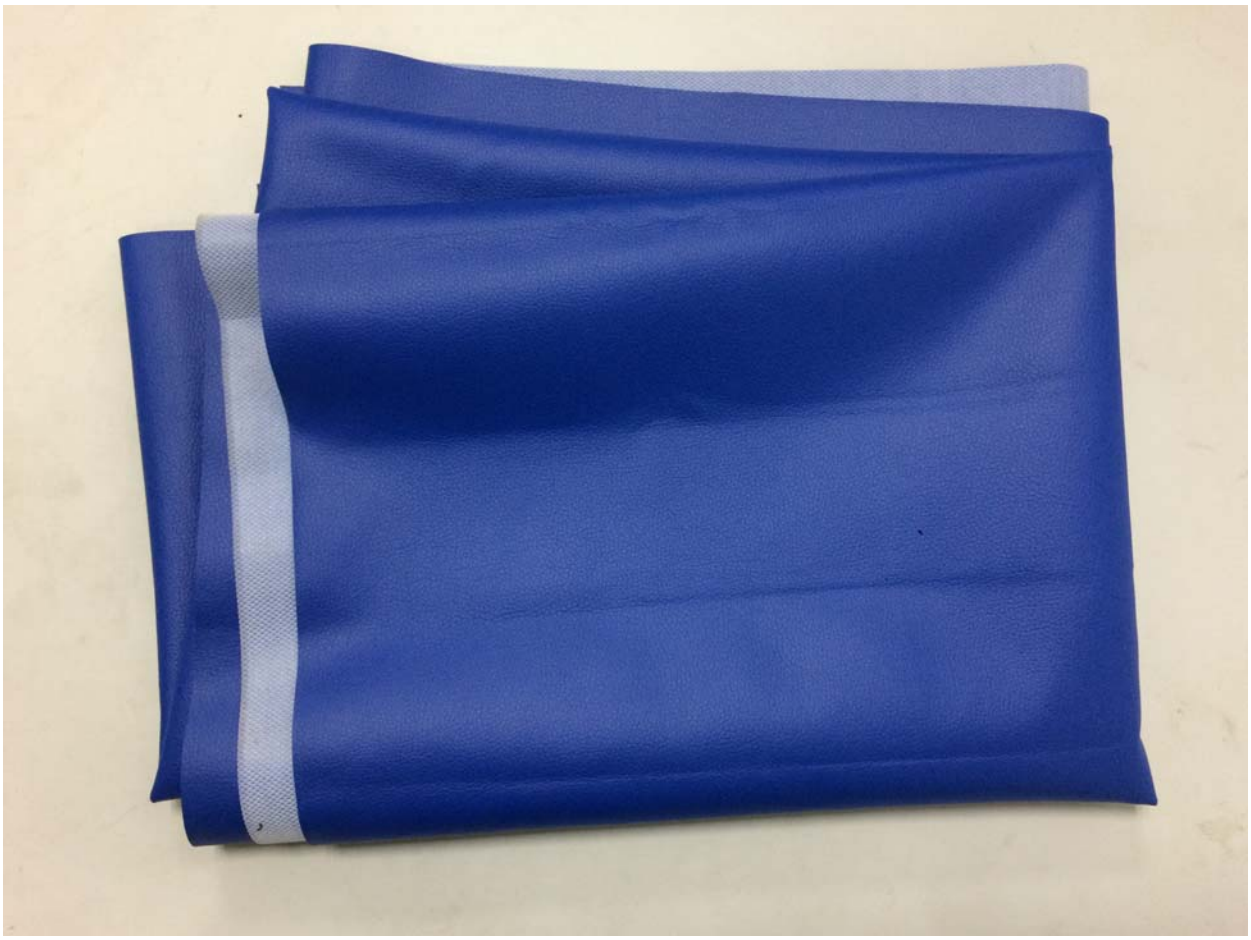
REPORT NUMBER: SHAT06302037



TEST REPORT

Number : SHAT06302037

Applicant : ANJI JIFANG FURNITURE CO.,LTD
NO.555,CHANGSHUO ROAD ,ANJI COUNTY
HUZHOU CITY ,ZHEJIANG PROVINCE
CHINA (MAINLAND)
Attn : WILLIAM WANG

Date : Nov 13, 2019

Sample Description As Declared :

No. Of Sample	:	One
Fibre Content	:	-
Material	:	One Piece Of PU Fabric In Blue
Finishing	:	-
End Uses	:	-
Colour	:	Blue
Style No.	:	-
Order No./PO No.	:	GF-20191003-1
Buyer's Name	:	AUDES GROUP S.R.L
Manufacturer's Name	:	ANJI JIFANG FURNITURE CO.,LTD
Ref.	:	-

Applicant's Provided Care Instruction/Label :
-

Date Sample Received : Nov 07, 2019
Date Testing Started : Nov 07, 2019

Prepared And Checked By:
For Intertek Testing Services Ltd.,Shanghai

Baron Hu
Senior Manager of Footwear Lab

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TEST REPORT

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Conclusion:

Azo Dyes	M
Nonylphenol Ethoxylates(NPE) Content	M
Total Cadmium (Cd) Content	M
PCP Content Test	M
Dimethyl Fumarate Content	M
Phthalate Content Test	F
Extractable Heavy Metals	M
Chlorinated Benzenes And Toluenes	M
Free Formaldehyde Content	M
Solvents/Residuals Content	M
Quinoline Content	M

Note : M = Meet Buyer's Requirement F = Below Buyer's Requirement
= No Specified Requirement * = No Submitted Information
N/A = Not Applicable

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TEST REPORT

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Tests Conducted (As Requested By The Applicant)

1 Detection Of Amines Derived From Azocolourants And Azodyes:

By Gas Chromatographic - Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic (HPLC) Analysis.

Test Method : EN 14362-1 : 2012 For Textile Material
EN ISO 17234-1: 2010 For Leather Material
EN 14362-3 : 2012 & EN ISO 17234-2: 2011 For p-Aminoazobenzene

	Forbidden	Cas No.	Result
1.	4-Aminodiphenyl	92-67-1	N
2.	Benzidine	92-87-5	N
3.	4-Chloro-o-Toluidine	95-69-2	N
4.	2-Naphthylamine	91-59-8	N
5.	o-Aminoazotoluene	97-56-3	N
6.	2-Amino-4-Nitrotoluene	99-55-8	N
7.	p-Chloroaniline	106-47-8	N
8.	2,4-Diaminoanisole	615-05-4	N
9.	4,4'-Diaminodiphenylmethane	101-77-9	N
10.	3,3'-Dichlorobenzidine	91-94-1	N
11.	3,3'-Dimethoxybenzidine	119-90-4	N
12.	3,3'-Dimethylbenzidine	119-93-7	N
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N
14.	p-Cresidine	120-71-8	N
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	N
16.	4,4'-Oxydianiline	101-80-4	N
17.	4,4'-Thiodianiline	139-65-1	N
18.	o-Toluidine	95-53-4	N
19.	2,4-Toluylenediamine	95-80-7	N
20.	2,4,5-Trimethylaniline	137-17-7	N
21.	o-Anisidine	90-04-0	N
22.	p-Aminoazobenzene	60-09-3	N

Remark : N = Not detected
Detection limit = 5 ppm
Requirement = 30 ppm (Max.)
ppm = parts per million = mg/kg

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Tests Conducted (As Requested By The Applicant)

2 Nonylphenol Ethoxylates(NPE) Content:

By Solvent Extraction And Followed By Liquid Chromatograph -Mass Spectrometry (LC-MS) Analysis.

Compound	Result (ppm)	Requirement (ppm)
Nonylphenol Ethoxylates(NPE)	ND	100

Remark: ND =Not Detected
Detection Limit=10 ppm
ppm = parts per million = mg/kg

3 Cadmium (Cd) Content:

With Reference To Methods EN 1122:2001 (Method B)/ IEC 62321:2008/ ISO 11885:2007, Acid Digestion Method Was Used And Total Cadmium Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

	Result in %
	ND

Requirement:	
Category	Limit (%)
Paints With Codes [3208] And [3209]	0.01
Paints With Codes [3208] [3209] With A Zinc Content Exceeding 10 % By Weight Of The Paint	0.1
Painted Article	0.1
Plastic	0.01
Metal Parts Of Jewellery & Hair Accessories	0.01

Remark : ND = Not Detected (<0.0005%)

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Tests Conducted (As Requested By The Applicant)

4 PCP Content Test:
With Reference To LFGB B 82.02-8: 2001 For Textile, Analysis by Gas Chromatographic-Mass Spectrometric (GC-MS)

	Result In ppm	Limit in ppm
	Textile	
	ND	1000

Remark : Detection Limit = 0.5ppm
ND=Not Detected
ppm=parts per million = mg/kg

5 Dimethyl Fumarate Content:

By Solvent Extraction And Gas Chromatography - Mass Spectrometry (GC-MS) Analysis.

Result (ppm)	Requirement (ppm)
<0.05	0.1

Remark : Detection limit = 0.05 ppm
ppm = parts per million = mg/kg

6 Phthalate Content:

With Reference To ISO 14389:2014(for printed textile), by Gas Chromatographic-Mass Spectrometric (GC-MS) Analysis.

No.	Substance	CAS No.	Result % (w/w)	Limit % (w/w)
1	Di-butyl phthalate (DBP)	84-74-2	0.05	0.1%
2	Di(2-ethyl hexyl) phthalate(DEHP)	117-81-7	**>10.0***	0.1%
3	Benzyl butyl phthalate (BBP)	85-68-7	ND	0.1%
4	Di-iso-butyl phthalate (DIBP)	84-69-5	0.06	0.1%
5	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	0.1%
6	1,2-Benzenedicarboxylic acid,di-C6-8-branched alkyl esters,C7-rich (DIHP)	71888-89-6	ND	0.1%
7	Diheptyl phthalate (DHP)	3648-21-3	ND	0.1%
8	Dipentyl phthalate (DPP)	131-18-0	ND	0.1%

Remark: ND = Not Detected
Detection Limit = 0.01% (w/w)
*** = Exceeded Limit 0.10%**

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Tests Conducted (As Requested By The Applicant)

7 Extractable Heavy Metals:

With Reference To DIN EN 16711-2：2016, Using Extraction With Acid Perspiration Solution, Determined By Inductively Coupled Argon Plasma Mass Spectrometric (ICP-MS) Analysis

	Detection Limit In ppm	Result In ppm	Requirement In ppm
Ext. Arsenic (As)	0.1	ND	1
Ext. Lead (Pb)	0.1	0.2	1
Ext. Cadmium (Cd)	0.05	ND	1
Ext. Chromium VI (Cr VI)	0.5	ND	1

Remark : Ext. = Extractable
ND = Not detected
ppm = parts per million = mg/kg

8 Chlorinated Benzenes and Toluenes Content

By Solvent Extraction, Followed by Gas Chromatography Mass Spectrometry (GC-MS) or Gas Chromatography Electron Capture Detector (GC-ECD) Analysis.

Tested Compound	Result (mg/kg)	Requirement (mg/kg)
Chlorobenzene		--
Dichlorobenzenes	ND	--
Trichlorobenzenes	ND	--
Tetrachlorobenzenes	ND	--
Pentachlorobenzenes	0.4	--
Hexachlorobenzenes	ND	--
Chlorotoluenes	ND	--
Dichlorotoluenes	ND	--
Trichlorotoluenes	ND	--
Tetrachlorotoluenes	ND	--
Pentachlorotoluenes	ND	--
Sum of Above	0.4	1.0

Remark: Detection Limit = 0.1 mg/kg for each and 1.0 mg/kg for sum
ND = Not Detected

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9 Free Formaldehyde Content

As per test method ISO 14184-1:2011, formaldehyde content was determined by UV-Visible Spectrophotometer.

	Result (mg/kg)	Requirement (mg/kg)
	ND	300

Remark: ND = Not detected
Detection limit = 5 mg/kg

10 Solvents/Residuals Content:

With Reference To DIN CEN ISO/TS 16189:2013 Solvent Extraction And Followed By Gas Chromatography Mass Spectrometry Analysis (GC-MS).

Tested Component	Result (ppm)	Requirement (ppm)
Dimethylformamide (DMFa)	ND	3000
Dimethylacetamide (DMAC)	ND	3000
N-Methyl-2-pyrrolidone (NMP)	ND	3000

Remark: ND = Not detected
Detection limit = 50 ppm
ppm = parts per million = mg/kg

11 Quinoline Content:

Solvent extraction and followed by Liquid Chromatography - Tandem Mass Spectrometry (LC-MS/MS) analysis.

	Result In mg/kg	Requirement In mg/kg (Max.)
	ND	50

Remark : Detection Limit = 10 mg/kg
ND = Not Detected

End of Report

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