

Applicant: CRECIMIENTO PUTIAN FOOTWEAR MATERIAL
CO.,LTD
XIZHUANG,WUTANG,HANJIANG,PUTIAN
FUJIAN

Date: Jan 16, 2019

Attn: ABBEY WONG

Submitted Sample Said To Be:

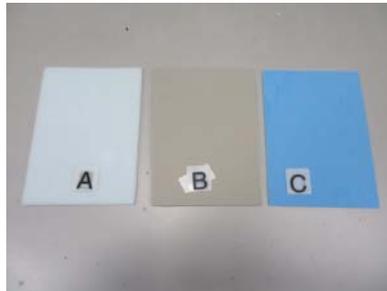
Three (3) Groups Of Submitted Samples Said To Be:

(A) PU Foam In Light Blue.

(B) PU Foam In Gray.

(C) PU Foam In Blue.

Sample Name	--
Skechers SN No./ Color Code (Skechers SKU NO.)	Light Blue, Gray, Blue
Sample From	Production
Skechers Order No.	--
Material Composition	Polyurethane
Reference	--
Skechers Factory/Agent Of Factory/Factory Code	--
Applicant Specified Age Grading For Testing	Age Range: All Ages
Supplier	CRMTO
Country Of Origin	CHINA/VIETNAM/MYANMAR
Submitted Sample	Accessories
Date Received/Date Test Started	Jan 10, 2019



Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch



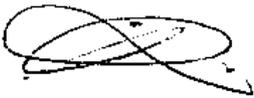
Lin Lin
General Manager



Sample Description:

- (1) Light Blue Sponge(Sample A).
 - (2) Grey Sponge(Sample B).
 - (3) Blue Sponge(Sample C).
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Guangzhou Branch



Lin Lin
General Manager



Conclusion:

Total Lead (Pb) Content	M
Total Cadmium (Cd) Content	M
Total Arsenic (As) Content	M
Detection Of Polyvinyl Chloride (PVC)	M
Phthalate Content	M
Polycyclic Aromatic Hydrocarbons (PAHs) Content	M
Alkylphenol & Alkylphenol Ethoxylates	M
Organotin Compound	M
Chlorinated Paraffin Content	M
Fluorinated Greenhouse Gases Test	M

Note : M = Meet client's requirement
= No specified requirement

F = Below client's requirement
N/A = Not applicable

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch



Lin Lin
General Manager

/cassiekong



1 Total Lead (Pb) Content

With Reference to CPSC-CH-E1003-09.1/ CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3, By Acid Digestion And Followed By Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) analysis.

<u>Tested Components</u> (1+2+3)	<u>Result In ppm</u> ND	<u>Limit (ppm)</u> 90
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Remark: ND= Not Detected
Detection Limit = 10 ppm
ppm = Parts per million = mg/kg

2 Total Cadmium (Cd) Content

With Reference To Methods EN 1122:2001, Acid Digestion Method Was Used And Total Cadmium Content Was Determined Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES).

<u>Tested Component</u> (1+2+3)	<u>Result (ppm)</u> ND	<u>Limit (ppm)</u> 40
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Remarks: ppm = Parts per million = mg/kg
ND = Not detected
Detection Limit = 2 ppm

3 Total Arsenic (As) Content

With Reference To QB/T4340-2012, Total Arsenic Content Was Determined By Inductively Coupled Plasma Emission Spectrometry .

<u>Tested Component</u> (1+2+3)	<u>Result (mg/kg)</u> ND	<u>Requirement (mg/kg)</u> 100
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Remark: ND = Not Detected
Detection Limit = 10 mg/kg

4 Detection Of Polyvinyl Chloride (PVC)

By Beilstein's Test And Fourier Transform Infrared Spectroscopy (FTIR) Analysis.

<u>Tested Component</u>	<u>Beilstein Test</u>	<u>FTIR</u>	<u>Requirement</u>
(1)	Negative	No PVC Was Found	No PVC Was Found
(2)	Negative	No PVC Was Found	No PVC Was Found
(3)	Negative	No PVC Was Found	No PVC Was Found

5 Phthalate Content

With Reference To CPSC-CH-C1001-09.3:2010, by Gas Chromatographic-Mass Spectrometric (GC-MS) Analysis.

<u>Compound</u>	<u>Result in ppm</u> (1+2+3)	<u>Requirement in ppm</u>
Dibutyl Phthalate (DBP)	ND	--
Diethyl Hexyl Phthalate (DEHP)	ND	--
Benzyl Butyl Phthalate (BBP)	ND	--
Di-(Iso-Nonyl) Phthalate (DINP)	ND	--
Di-(N-Octyl) Phthalate (DNOP)	ND	--
Di-(Iso-Decyl) Phthalate (DIDP)	ND	--
Sum of DBP+DEHP+BBP+DINP+DNOP+DIDP	ND	1000

<u>Compound</u>	<u>Result in ppm</u>	<u>Requirement in ppm</u>
Di-(N-Hexyl) Phthalate (DnHP/DHEXP)	ND	--
Di-isobutyl Phthalate(DIBP)	ND	--
Di-n-pentyl Phthalate (DPENP)	ND	--
Dicyclohexyl Phthalate (DCHP)	ND	--
Di-ethyl phthalate (DEP)	ND	--
Sum of DnHP/DHEXP+DIBP+DPENP+DCHP+DEP	ND	1000

<u>Compound</u>	<u>Result in ppm</u>	<u>Requirement in ppm</u>
Di-C6-8-branched alkylphthalates, C7-rich (DIHP)	ND	--
Di-C7-11-branched and linear alkylphthalates (DHNUP)	ND	--
Di-(2-methoxyethyl) phthalate (DMEP)	ND	--
Di-pentylphthalate (n-, iso-, or mixed) (DPP)	ND	--
Sum of DIHP+DHNUP+DMEP+DPP	ND	1000

Remarks: ppm = parts per million = mg/Kg
 ND = Not detected
 Detection limit = 50ppm

6 Polycyclic Aromatic Hydrocarbons (PAHs) Content

With reference to AfPS GS 2014:01 PAK (PAH), by solvent extraction and determined by Gas Chromatography - Mass Spectrometer (GC/MS).

Compound	Result (mg/kg)	Limit (mg/kg)
	(1+2+3)	
Naphthalene	ND	--
Acenaphthylene	ND	--
Acenaphthene	ND	--
Fluorene	ND	--
Phenanthrene	ND	--
Anthracene	ND	--
Fluoranthene	ND	--
Pyrene	ND	--
Indeno(1,2,3-cd)Pyrene	ND	--
Benzo(g,h,i)Perylene	ND	--
Benzo(a)Anthracene	ND	1
Chrysene	ND	1
Benzo(b)Fluoranthene	ND	1
Benzo(k)Fluoranthene	ND	1
Benzo(a)Pyrene	ND	1
Dibenzo(a,h)Anthracene	ND	1
Benzo(e)Pyrene	ND	1
Benzo(j)Fluoranthene	ND	1
Sum (18 PAHs):	ND	10

Remark: ND = Not detected
 Detection Limit = 0.2 mg/kg

7 Alkylphenol & Alkylphenol Ethoxylates

With Reference To ISO 18254-1:2016 For Textile And ISO 18218-1: 2015 For Leather, By Solvent Extraction And Followed By Liquid Chromatograph -Mass Spectrometry (LC-MS) Analysis.

<u>Compound</u>	<u>Result (ppm)</u> (1+2+3)	<u>Requirement (ppm)</u>
Nonylphenol (NP)	ND	--
Octylphenol (OP)	ND	--
Sum of NP/OP	ND	10
Nonylphenol Ethoxylates (NPEO)	ND	--
Octylphenol Ethoxylates (OPEO)	ND	--
Sum of NPEO/OPEO	ND	100

Remark: ND=Not Detected
 Detection Limit=3 ppm for NP/OP, 10 ppm for NPEO/OPEO
 ppm = parts per million = mg/kg

8 Organotin Compound

With Reference To CEN/ISO 16179:2012 Organotin Content Was Determined By Gas Chromatography Mass Spectrometry (GC-MS) Analysis.

<u>Compound</u>	<u>Result (mg/kg)</u> (1+2+3)	<u>Client's Requirement (mg/kg)</u>
Tributyl tin (TBT)	ND	0.05 (<24 months)
Triphenyl tin (TPhT)	ND	0.5
Dioctyl tin (DOT)	ND	1.0
Dibutyl tin (DBT)	ND	1.0
Tripropyltin (TPT)	ND	1.0
Monobutyltin (MBT)	ND	1.0

<u>Compound</u>	<u>Result (mg/kg) of Tin</u>	<u>Limit (mg/kg) of Tin</u>
Tricyclohexyl tin(TCyT)	ND	1000
Trioctyl tin(TOT)	ND	1000

Remark : Detection limit = 0.025 mg/kg
 ND = Not Detected

9 Chlorinated Paraffin Content

With Reference To ISO 18219:2015, By Solvent Extraction, Determined By Gas Chromatography- Mass Spectrometry (GC-MS) Or Gas Chromatograph And Mass Selective Detector With Chemical Ionization (GC-ECNI-MS) Or Electron Capture Detector (GC-ECD).

<u>Component</u>	<u>Result (mg/kg)</u> (1+2+3)	<u>Limit (mg/kg)</u>
Short-chain Chlorinated Paraffin SCCP (C10-C13)	ND	1000
Medium-chain Chlorinated Paraffin MCCP(C14-C17)	ND	1000

Remark: Detection limit = 100 mg/kg
ND = Not Detected

10 Fluorinated Greenhouse Gases Test

With Reference To Regulation(EC) No.842/2006 and amendment Regulation(EU),1137/2008, Analysis Was Performed By Gas Chromatography-Mass Selective Detector (GC-MSD) Linked With Headspace.

<u>Compound</u>	<u>Result (ppm) θ</u>			<u>Limit#(ppm)</u>
	(1)	(2)	(3)	
Sulphur Hexafluoride (SF ₆)	ND	ND	ND	ND
Hydrofluorocarbons (HFCs)	ND	ND	ND	ND
Perfluorocarbons (PFCs)	ND	ND	ND	ND

Remark: The Test Was Subcontracted To Intertek Testing Services Shenzhen Ltd.

Remark: ppm = Parts Per Million = mg/kg
ND = Not detected
 θ =Sing Result For Each Test Sample Component.
Reporting Limit = 1 ppm

Details Of Fluorinated Greenhouse Gases Are Listed In Annex.

Fluorinated Greenhouse Gases Test (Cont)

Annex

List Of Fluorinated Greenhouse Gases

<u>Fluorinated Greenhouse Gases</u>	<u>Chemical Formula</u>
Sulphur Hexafluoride	SF ₆
Hydrofluorocarbons (HFCs)	
HFC-23	CHF ₃
HFC-32	CH ₂ F ₂
HFC-41	CH ₃ F
HFC-43-10mee	C ₅ H ₂ F ₁₀
HFC-125	C ₂ HF ₅
HFC-134	C ₂ H ₂ F ₄
HFC-134a	CH ₂ FCF ₃
HFC-152a	C ₂ H ₄ F ₂
HFC-143	C ₂ H ₃ F ₃
HFC-143a	C ₂ H ₃ F ₃
HFC-227ea	C ₃ HF ₇
HFC-236cb	CH ₂ FCF ₂ CF ₃
HFC-236ea	CHF ₂ CHF ₂ CF ₃
HFC-236fa	C ₃ H ₂ F ₆
HFC-245ca	C ₃ H ₃ F ₅
HFC-245fa	CHF ₂ CH ₂ CF ₃
HFC-365mfc	CF ₃ CH ₂ CF ₂ CH ₃
Perfluorocarbons (PFCs)	
Perfluoromethane	CF ₄
Perfluoroethane	C ₂ F ₆
Perfluoropropane	C ₃ F ₈
Perfluorobutane	C ₄ F ₁₀
Perfluoropentane	C ₅ F ₁₂
Perfluorohexane	C ₆ F ₁₄
Perfluorocyclobutane	C-C ₄ F ₈

End of Report

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