

Test Report

No. VNSL1909030797FW-01

Date: Sep 23, 2019

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This report cancels and supersedes the report No. **VNSL1909030797FW** dated Sep 20, 2019 issued by SGS Vietnam Ltd.,

CONG TY TNHH CRECIMENTO VIET NAM
DUONG SO 4, KCN DONG AN, P. BINH HOA, THUAN AN
BINH DUONG PROVINCE, VIET NAM

The following sample was submitted and identified on behalf of the client as:

Report on the submitted sample said to be:

Sample Description : PU FOAM
Division : Footwear Division
Buyer's Name : Adidas
Summary of Test Result : **PASS**
Failure Test Items : ---
Age Group : Infant (<36 months), Adults
Material Name / Code : PU Foam/ PU Foam
Color Name / Code : Yellow
Material Component : Polyurethane
Lot No./Purchase / Order No. : ---
Supplier Name : CRMTO
Supplier Contact Person : Ms Phuong
Country of Supplier : VIETNAM
Country of Destination : ---
Sample Classification : Blown materials (207)
Test Required Key Code No. : Key code 207 under Adidas A-01 Test Standard 2019
Report Type : FT (Full Test)
Full test report No. : ---
Additional information : ---
Sample Received Date : Sep 13, 2019. Confirmation date: Sep 17, 2019 & Sep 23, 2019
Sample Tested Date : Sep 17, 2019 – Sep 20, 2019
SGS Job No. : VNSL1909030797FW-01

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Summary of Test Result: (Detail test results on next page)

Test Parameter	Test Method	Conclusion (Pass/Fail)
Extractable Heavy Metals (For non-leather except wool)	Others: With reference to EN 16711-2:2016. Analysis was performed by ICP-MS.	Pass
Total Cadmium	Polymers: With reference to EN 1122:2001. Analysis was performed by ICP-OES	Pass
Total Lead	Others: With reference to DIN EN 16711-1:2016. Analysis was performed by ICP-OES.	Pass
Organotin Compounds	With reference to ISO/TS 16179:2012. Analysis was performed by GC-MS.	Pass
Σ Phthalates	With reference to DIN EN ISO 14389:2014. Analysis was performed by GC-MS.	Pass
Short Chain Chloroparaffins (C10-C13) (SCCPs)	Polymer: Extraction with THF. Analysis by GC-MS.	Pass
Σ Nonylphenol (NP), Octylphenol (OP), Nonylphenol ethoxylates (NPEO) and Octylphenol ethoxylates (OPEO)	NP, OP: Extraction with THF. Analysis was performed by LC-MS. NPEO, OPEO: Textile and Non-leather: With reference to DIN EN ISO 18254-1:2016. Analysis was performed by LC-MS.	Pass
Nonylphenol (NP)	Extraction with THF. Analysis was performed by LC-MS	Pass
Octylphenol (OP)	Extraction with THF. Analysis was performed by LC-MS	Pass
Polycyclic Aromatic Hydrocarbons (PAHs) and Regulated PAHs of High Concern	-	Not applicable
PFOS / PFOA and its salts and esters	-	Not applicable
Dimethylfumarate (DMFu)	-	Not applicable

Summary of Failed Test Result: (Detail test results on next page)

Failed Test	Failed Test Component	Failed Result
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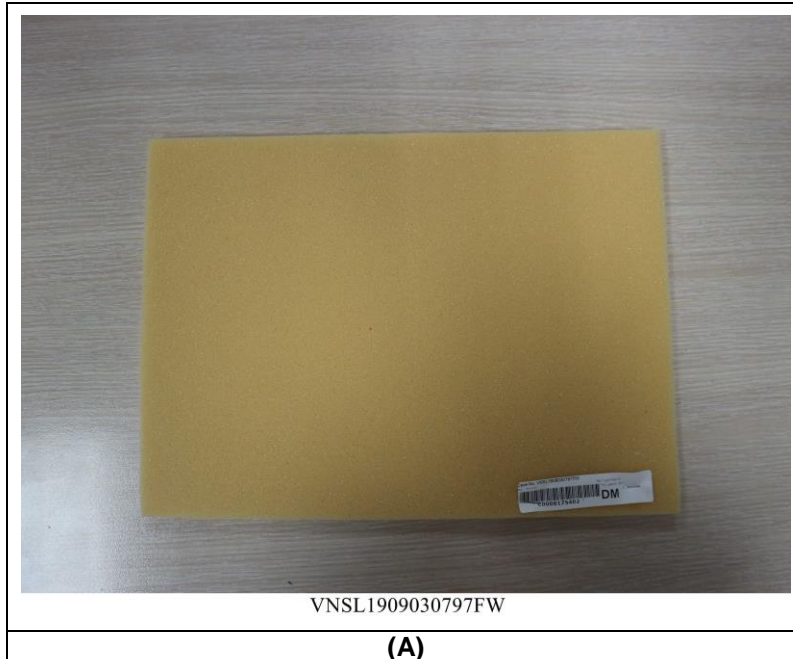
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Samples Photo



Signed for and on behalf of
SGS Vietnam LTD



Rhodora Quinto
Softlines Lab Manager

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Component List / List of Materials

Sample No.	Component	Material
A1	Yellow PU foam	PU

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Test Results:

Extractable Heavy Metals (For non-leather except wool)

Test Method: Others: With reference to EN 16711-2:2016. Analysis was performed by ICP-MS.

		Result (mg/kg)
	CAS-No.	A1
Cadmium (Cd)	7440-43-9	n.d.
Chromium (Cr)	7440-47-3	n.d.
Lead (Pb)	7439-92-1	n.d.
Mercury (Hg)	7439-97-6	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
mg/kg = ppm

Requirement:	Infants (mg/kg)	Adults (mg/kg)	Reporting limit (mg/kg)
Cadmium	0.1	0.1	0.03
Chromium	1.0	2.0	0.3
Lead	0.2	1.0	0.06
Mercury	0.02	0.02	0.006

Total Cadmium (*)

Test Method: Polymers: With reference to EN 1122:2001. Analysis was performed by ICP-OES

		Result (mg/kg)
	CAS-No.	A1
Cadmium (Cd)	7440-43-9	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
mg/kg = ppm
Reporting limit = 5 mg/kg

Requirement: 40 mg/kg

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Total Lead

Test Method: Others: With reference to DIN EN 16711-1:2016. Analysis was performed by ICP-OES.

		Result (mg/kg)
	CAS-No.	A1
Lead (Pb)	7439-92-1	22
Conclusion	--	PASS

Note: n.d. = not detected
mg/kg = ppm
Reporting limit = 5 mg/kg

Requirement: 40 mg/kg

Organotin Compounds (*)

Test Method: With reference to ISO/TS 16179:2012. Analysis was performed by GC-MS.

		Result (mg/kg)
	CAS-No.	A1
Tributyltin (TBT)	--	n.d.
Triphenyltin (TPhT)	--	n.d.
Dibutyltin (DBT)	--	n.d.
Dioctyltin (DOT)	--	n.d.
Monobutyltin (MBT)	--	n.d.
Monooctyltin (MOT)	--	n.d.
Trioctyltin (TOT)	--	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
mg/kg = ppm
Reporting limit
TBT = 0.05 mg/kg
Others = 0.1 mg/kg (for individual compound)

Requirement:

TBT	Not Detected
TPhT	0.5 mg/kg
DBT	1 mg/kg
DOT	1 mg/kg
MBT	1 mg/kg
MOT	1 mg/kg
TOT	1 mg/kg

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Phthalates

Test Method: With reference to DIN EN ISO 14389:2014. Analysis was performed by GC-MS.

		Result (mg/kg)
	CAS-No.	A1
Diisononylphthalate (DINP)	28553-12-0	n.d.
Di-n-octylphthalate (DNOP)	117-84-0	n.d.
Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	n.d.
Diisodecylphthalate (DIDP)	26761-40-0	n.d.
Butylbenzylphthalate (BBP)	85-68-7	n.d.
Dibutylphthalate (DBP)	84-74-2	n.d.
Diisobutylphthalate (DIBP)	84-69-5	n.d.
Di-C6-8-branched alkylphthalates (DIHP)	71888-89-6	n.d.
Di-C711-branched alkylphthalates (DHNUP)	68515-42-4	n.d.
Di-n-hexylphthalate (DHP)	84-75-3	n.d.
Di-(2-methoxyethyl)-phthalate (DMEP)	117-82-8	n.d.
Dipentylphthalate (DPP)	131-18-0	n.d.
Dicyclohexyl phthalate (DCHP)	84-61-7	n.d.
Diisopentylphthalate (DiPP)	605-50-5	n.d.
Total	--	n.d.
Diethylphthalate (DEP)	84-66-2	n.d.
Dimethylphthalate (DMP)	131-11-3	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
 mg/kg = ppm
 Reporting limit: 50 mg/kg (for individual compound)

Requirement: DEP, DMP: 500 mg/kg (Each)
 Others: 500 mg/kg (Total)

Short Chain Chloroparaffins (C10-C13) (SCCPs)

Test Method: Polymer: Extraction with THF. Analysis by GC-MS.

		Result (mg/kg)
	CAS-No.	A1
Short Chained Chloroparaffins	85535-84-8	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
 mg/kg = ppm
 Reporting limit = 50 mg/kg

Requirement: 1000 mg/kg

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Σ Nonylphenol (NP), Octylphenol (OP), Nonylphenol ethoxylates (NPEO) and Octylphenol ethoxylates (OPEO)

Test Method: NP, OP: Extraction with THF. Analysis was performed by LC-MS.
NPEO, OPEO: Textile and Non-leather: With reference to DIN EN ISO 18254-1:2016. Analysis was performed by LC-MS.

		Result (mg/kg)
	CAS-No.	A1
Nonylphenol (NP)	--	n.d.
Octylphenol (OP)	--	n.d.
Nonylphenol Ethoxylate (NPEO)	--	n.d.
Octylphenol Ethoxylate (OPEO)	--	n.d.
Sum of NP, OP, NPEO and OPEO	--	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
mg/kg = ppm
Reporting limit = 3 mg/kg (AP); 5 mg/kg (APEO)

Requirement:

Nonylphenol (NP)	10 mg/kg
Octylphenol (OP)	10 mg/kg
Sum of NP, OP, NPEO and OPEO	100 mg/kg

Polycyclic Aromatic Hydrocarbons (PAHs) and Regulated PAHs of High Concern

Not Applicable

PFOS & PFOA and its salts and esters

Not Applicable

Dimethylfumarate (DMFu)

Not Applicable

Remark: Above tests (*) are accredited ISO 17025: 2005 by VILAS.

Report results refer to submitted sample(s) only

*** End of Report ***

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