

CRECIMIENTO INDUSTRIAL CO.,LTD
2ND IND.ESTATE,BAISHI SANXIANG,ZHONGSHAN CITY,GUANGDONG PROVINCE,CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : PU FOAM

Division : Footwear Division

Buyer's Name : Adidas

Summary of Test Result : **Pass**

Failure Test Items : /

Age Range : INFANT(<36 MONTHS); ADULTS

Material name/code : PU FOAM

Color name/code : BLACK/GREY/LIGHT BLUE

material component : POLYURETHANE

Lot No./Purchase / Order No. : /

Season : /

Supplier Name : CRECIMIENTO INDUSTRIAL CO.,LTD

Supplier Contact Person : /

Country of Supplier : China,Myanmar,Viet Nam

Country of Destination : /

Sample Classification: Others : /

Sample Classification: Leather : /

Sample Classification: Polymers : blown materials (207)

Sample Classification: Textiles : /

Sample Classification: Synthetics : /

Sample Classification: Miscellaneous : /

Test Required Key Code No : Key code 207 under Adidas A-01 Test Standard 2019

Report Type : FT (Full Test)

Full test report No. : /

P.O. No. : /

Additional Information : /

SGS Job No. : SL91939287424601FW

Sample Receiving Date : Sep 05,2019

Testing Period : Sep 05,2019 - Sep 11,2019

Test Result(s) : For further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant



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

Test Parameter	Test Method	Conclusion (Pass/Fail)
Extractable Heavy Metals	non-leather except wool : EN 16711-2:2016. Leather: DIN EN ISO 17072-1:2019 Analysis was performed by ICP-OES / ICP-MS wool : EN 16711-2:2016. Analysis was performed by ICP-OES / ICP-MS and UV-VIS for Cr VI.	Pass
Total Cadmium	Polymers: EN 1122:2001 Leather: DIN EN ISO 17072-2:2019 Others: DIN EN 16711-1:2016. Analysis was performed by ICP-OES or AAS	Pass
Total Lead	Others: DIN EN 16711-1:2016. Leather: DIN EN ISO 17072-2:2019. Analysis was performed by ICP / AAS	Pass
Organotin Compounds	ISO/TS 16179:2012	Pass
Σ Phthalates	DIN EN ISO 14389:2014. Analysis by GC-MS.	Pass
Σ Short Chained Chloroparaffins (C10-C13)	Leather: DIN EN ISO 18219:2016. Analysis by GC-NCI-MS / GC-ECD Polymer: Extraction with THF. Analysis by GC-NCI-MS / GC-ECD	Pass
Σ Nonylphenol (NP), Octylphenol (OP), Nonylphenol ethoxylates (NPEO) and Octylphenol ethoxylates (OPEO)	NP, OP: Extraction with THF. Analysis by LC-MS. NPEO, OPEO: Textile and Non-leather: DIN EN ISO 18254-1:2016. Leather: DIN EN ISO 18218-1:2015	Pass
Nonylphenol (NP)	Extraction with THF. Analysis by LC-MS	Pass
Octylphenol (OP)	Extraction with THF. Analysis by LC-MS	Pass
Polycyclic Aromatic Hydrocarbons (PAHs) and regulated PAHs of high concern	AfPS GS 2014:01 PAK. Analysis by GC-MS	Pass

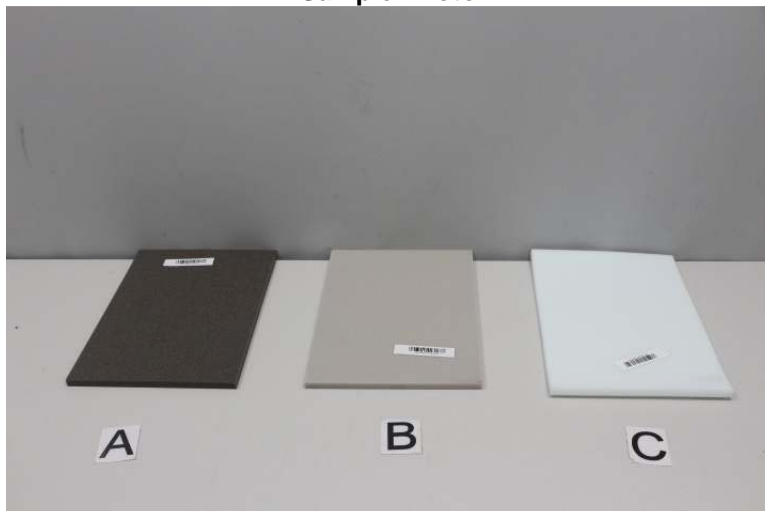


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Sample Photo



Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Huang Asan
Approved Signatory

This test report refer only to the samples tested



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COMPONENT LIST / List of Materials

Sample No.	Component No.	Description	Material	Color	Remark
A	-	PU FOAM		BLACK	
A	1	Foam	Foam	BLACK	
B	-	PU FOAM		GREY	
B	2	Foam	Foam	GREY	
C	-	PU FOAM		LIGHT BLUE	
C	3	Foam	Foam	BLUE	



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Test Result:

Extractable Heavy Metals (For non-leather except wool)

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

	CAS-No.	Result
		1+2+3
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
* = Exceeds the TLV
= result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement

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 or AAS

	CAS-No.	Result
		1+2+3
Cadmium (Cd)	7440-43-9	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
mg/kg = ppm
* = Exceeds the TLV
= result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement
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 / AAS

	CAS-No.	Result
		1+2+3
Lead (Pb)	7439-92-1	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
mg/kg = ppm
* = Exceed the TLV
= result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement
Reporting limit = 5 mg/kg

Requirement: 40 mg/kg



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Organotin Compounds

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

	CAS-No.	Result
		1+2+3
Tributyltin (TBT)	--	n.d.
Triphenyltin (TPhT)	--	n.d.
Dibutyltin (DBT)	--	n.d.
Diocetyltn (DOT)	--	n.d.
Monobutyltin (MBT)	--	n.d.
Monooctyltin (MOT)	--	n.d.
Triocetyltn (TOT)	--	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
 mg/kg = ppm
 * = Exceed the TLV
 # = result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement
 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.

	<u>CAS-No.</u>	<u>Result</u>
		1+2+3
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.
Conclusion	--	PASS

Note: n.d. = not detected
mg/kg = ppm
* = Exceeds the TLV
= result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement
Reporting limit: 50 mg/kg (for individual compound)

Requirement: 500 mg/kg (Total)



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Short Chain Chloroparaffins (C10-C13) (SCCPs)

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

	CAS-No.	Result
		1+2+3
Short Chained Chloroparaffins	85535-84-8	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
mg/kg = ppm
* = Exceeds the TLV
= result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement
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.

	CAS-No.	Result
		1+2+3
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
* = Exceeds the TLV
= result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement
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



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

Test Method: With reference to AfPS GS 2014:01 PAK. Analysis was performed by GC-MS.

	CAS-No.	Result
		1
Naphthalene (NAP)	91-20-3	0.4mg/kg
Acenaphthylene (ANY)	208-96-8	n.d.
Acenaphthene (ANA)	83-32-9	n.d.
Fluorene (FLU)	86-73-7	n.d.
Phenanthrene (PHE)	85-01-8	0.2mg/kg
Anthracene (ANT)	120-12-7	n.d.
Fluoranthene (FLT)	206-44-0	n.d.
Pyrene (PYR)	129-00-0	n.d.
Benzo(j)fluoranthene (BjF)	205-82-3	n.d.
Benzo(a)anthracene (BaA)	56-55-3	n.d.
Chrysene (CHR)	218-01-9	n.d.
Benzo(b)fluoranthene (BbF)	205-99-2	n.d.
Benzo(k)fluoranthene (BkF)	207-08-9	n.d.
Benzo(a)pyrene (BaP)	50-32-8	n.d.
Indeno(1,2,3-cd)pyrene (IPY)	193-39-5	n.d.
Dibenzo(a,h)anthracene (DBA)	53-70-3	n.d.
Benzo(g,h,i)perylene (BPE)	191-24-2	n.d.
Benzo(e)pyrene (BeP)	192-97-2	n.d.
Total 18 PAHs	--	0.6mg/kg
Conclusion	--	PASS

Note: n.d. = not detected
 mg/kg = ppm
 * = Exceeds the TLV
 # = result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement
 Reporting limit = 0.1 mg/kg (for individual compound)

Requirement:	Infants	Adults
Σ of PAHs	10 mg/kg	10 mg/kg
	(Total)	(Total)
Benzo(a)anthracene (BaA)	0.5 mg/kg	1 mg/kg
Benzo(a)pyrene (BaP)	0.5 mg/kg	1 mg/kg
Benzo(b)fluoranthene (BbF)	0.5 mg/kg	1 mg/kg
Benzo(e)pyrene (BeP)	0.5 mg/kg	1 mg/kg
Benzo(j)fluoranthene (BjF)	0.5 mg/kg	1 mg/kg
Benzo(k)fluoranthene (BkF)	0.5 mg/kg	1 mg/kg
Chrysene (CHR)	0.5 mg/kg	1 mg/kg
Dibenzo(a,h)anthracene (DBA)	0.5 mg/kg	1 mg/kg

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report



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 198 Kezhu Road, Sciencetech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075169 www.sgsgroup.com.cn
 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075169 e sgs.china@sgs.com