

Test Report

No. SDHL1911021351FT

Date: Dec.02, 2019

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FOSHAN QISHENG SPONGE CO., LTD
NO.20 WEST 3 ROAD ,GUANGHUA BAI'AN INDUSTRIAL ,XINGTAN TOWM,
SHUNDE AREA,FOSHAN CITY,GUANGDONG

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

Sample Description : SPONGE
SGS Ref. No. : CAN19-232998
Supplier Item No. : F2660
Sample Receiving Date : Nov.21, 2019
Test Performing Date : Nov.25, 2019 to Dec.02, 2019

Test Result Summary

Test(s) Requested	Result(s)	Comments
To determine the Extractable Heavy Metal content(s) in the submitted sample(s).	See Results	/
To determine the Organotin compounds content(s) in the submitted sample(s).	See Results	/
To determine the Flame retardants content(s) in the submitted sample(s).	See Results	/
To determine the Hexavalent Chromium (CrVI) content(s) in the submitted sample(s).	See Results	/
To determine the Carcinogenic Dyes content(s) in the submitted sample(s).	See Results	/
GB 18401-2010 - Free & Hydrolyzed Formaldehyde	See Results	/
GB 18401-2010 - Azodyes	See Results	/
For further details, please refer to the following page(s)		

Signed for and on behalf of
Shunde Branch
SGS-CSTC Co., Ltd.



SDHL1911021351FT

Bill Wang
Approved signatory



SGS-CSTC Technical Services Co., Ltd.
Shunde Branch Harbin

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Test Results :

Test Part Description :

SGS Sample ID	Description
CAN19-232998.001	White sponge

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Extractable Heavy Metal

A.Test Method :With reference to GB/T 17593.2-2007, analysis was performed by ICP-OES.

Test Item(s)	Unit	MDL	001
Antimony (Sb)	mg/kg	0.09	ND
Cadmium (Cd)	mg/kg	0.01	ND
Chromium (Cr)	mg/kg	0.12	ND
Lead (Pb)	mg/kg	0.23	ND
Copper (Cu)	mg/kg	0.06	ND
Nickel (Ni)	mg/kg	0.05	0.08
Cobalt (Co)	mg/kg	0.02	ND

B.Test Method :With reference to GB/T 17593.4-2006, analysis was performed by AFS.

Test Item(s)	Unit	MDL	001
Arsenic (As)	mg/kg	0.1	ND

Organotin compounds

Test Method : With reference to GB/T 20385-2006, analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	001
Monobutyltin (MBT)	mg/kg	0.2	ND
Dibutyltin (DBT)	mg/kg	0.2	ND
Tributyltin (TBT)	mg/kg	0.2	ND



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Tetrabutyltin (TTBT)	mg/kg	0.2	ND
Triphenyltin (TPhT)	mg/kg	0.2	ND
Monooctyltin (MOT)	mg/kg	0.2	ND
Dioctyltin (DOT)	mg/kg	0.2	ND
Tricyclohexyltin (TCyT)	mg/kg	0.2	ND
Trioctyltin (TOT)	mg/kg	0.2	ND
Tripropyltin (TPT)	mg/kg	0.2	ND

Flame retardants

Test Method : With reference to GB/T 24279-2009, analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Monobromobiphenyl	mg/kg	5	ND
Dibromobiphenyl	mg/kg	5	ND
Tribromobiphenyl	mg/kg	5	ND
Tetrabromobiphenyl	mg/kg	5	ND
Pentabromobiphenyl	mg/kg	5	ND
Hexabromobiphenyl	mg/kg	5	ND
Heptabromobiphenyl	mg/kg	5	ND
Octabromobiphenyl	mg/kg	5	ND
Nonabromobiphenyl	mg/kg	5	ND
Decabromobiphenyl	mg/kg	5	ND
Pentabromodiphenyl ether	mg/kg	5	ND
Octabromodiphenyl ether	mg/kg	5	ND
Tri-(1-aziridinyl) phosphine oxide	mg/kg	5	ND
Tris(2-chlorisopropyl) phosphate	mg/kg	5	ND
Tris (2,3-dibromopropyl) phosphate	mg/kg	5	ND
1,2,5,6,9,10-Hexabromocyclododecane	mg/kg	5	ND
Tris(2-chloroethyl) phosphate	mg/kg	5	ND

Hexavalent Chromium

Test Method : With reference to GB/T 17593.3-2006, analysis was performed by UV-Vis.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Hexavalent Chromium (CrVI)	mg/kg	0.2	ND



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Carcinogenic Dyes

Test Method : With reference to GB/T 20382-2006, analysis was performed by HPLC-DAD.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Disperse Blue 1	2475-45-8	mg/kg	10	ND
Disperse Yellow 3	2832-40-8	mg/kg	10	ND
Acid Red 26	3761-53-3	mg/kg	10	ND
Basic Red 9	569-61-9	mg/kg	10	ND
Direct Black 38	1937-37-7	mg/kg	10	ND
Direct Blue 6	2602-46-2	mg/kg	10	ND
Direct Red 28	573-58-0	mg/kg	10	ND
Basic Violet 14	632-99-5	mg/kg	10	ND
Disperse orange 11	82-28-0	mg/kg	10	ND

Formaldehyde

Test Method : With reference to GB/T 2912.1-2009, analysis was performed by UV-Vis.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Free & Hydrolyzed Formaldehyde Content	mg/kg	20	ND

Azo Dyes

Test Method : With reference to GB/T 17592-2011- analysis was conducted with GC-MS&HPLC-DAD.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
4-Aminobiphenyl / Biphenyl-4-ylamine	92-67-1	mg/kg	5	ND
Benzidine	92-87-5	mg/kg	5	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5	ND
2-naphtylamine	91-59-8	mg/kg	5	ND
o-aminoazotoluene/4-o-tolylazo-o-toluidine/	97-56-3	mg/kg	5	ND
4-amino-2',3-dimethylazobenzene				
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	ND
p-chloranilin/ 4-chloroaniline	106-47-8	mg/kg	5	ND
4-methoxy-m-phenylenediamine /	615-05-4	mg/kg	5	ND
2,4-Diaminoanisole				



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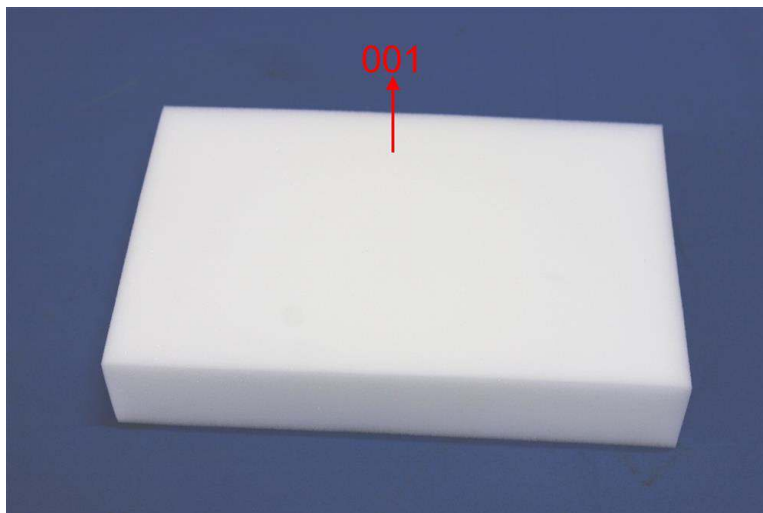
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4,4'-diaminodiphenylmethane/	101-77-9	mg/kg	5	ND
4,4'-methylenedianiline				
3,3'-dichlorobenzidine/	91-94-1	mg/kg	5	ND
3,3'-dichlorobiphenyl-4,4'-ylenediamine				
3,3'-dimethoxybenzidine/ o-dianisidine	119-90-4	mg/kg	5	ND
3,3'-dimethylbenzidine/ 4,4'-bi-o-Tolyidine	119-93-7	mg/kg	5	ND
3,3'-Dimethyl-4,4'-diaminodiphenylmethane /	838-88-0	mg/kg	5	ND
4,4'-methylenedi-o-toluidine				
p-cresidine/ 6-methoxy-m-toluidine	120-71-8	mg/kg	5	ND
4,4'-methylene-bis-(2-chloroaniline) /	101-14-4	mg/kg	5	ND
2,2'-dichloro-4,4'methylene-dianiline				
4,4'-oxydianiline	101-80-4	mg/kg	5	ND
4,4'-thiodianiline	139-65-1	mg/kg	5	ND
o-toluidine/ 2-aminotoluene	95-53-4	mg/kg	5	ND
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	mg/kg	5	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5	ND
4-aminoazobenzene	60-09-3	mg/kg	5	ND
O-Anisidine/ 2-methoxyaniline	90-04-0	mg/kg	5	ND
2,4-Xylidine	95-68-1	mg/kg	5	ND
2,6-Xylidine	87-62-7	mg/kg	5	ND

Photo Appendix:



Remark:

1. This test was subcontracted to SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.
2. The report is English version of Chinese test report SDHL1911021353FT The Chinese version shall prevail in case of discrepancy between the Chinese version and English version.

End of Report



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