



Test Report

No.: QDHL1909015999OT_EN

Date: SEP.30,2019

Page: 1 of 4

Client name : LINYI LINSU ENVIRONMENTAL PROTECTION MATERIAL CO., LTD
 Client address : JINSHAN ROAD, ADVANCED EQUIPMENT MANUFACTURING INDUSTRIAL PARK, NEW AND HI-TECH ZONE OF LINYI CITY, SHANDONG PROVINCE, CHINA
 Sample Description : GIQIU PVC FLOORING
 Specification : 2.0MM*2M*20M
 Manufacturer : LINYI LINSU ENVIRONMENTAL PROTECTION MATERIAL CO., LTD
 Material : PVC

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : SEP.20,2019
 Test Performing Date : SEP.20,2019 TO SEP.30,2019
 SGS Ref No. : TAOHG1904301401/QDIN1909005464SC

Test Requested	Result
GB 18586-2001- Soluble Heavy metal	Pass
GB 18586-2001-Vinyl chloride monomer (VCM)	Pass
GB 18586-2001- volatile matter (VOM)	Pass
Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)-Phthalates content	Pass

Remark: - Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
 The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

SGS-CSTC Standards
 Technical Services (Qingdao)
 Co., Ltd.



Zhou Xinkuan, SK
 Lab Manager



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SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

SGS Center, No. 143, Zhuzhou Road, Laoshan District, Qingdao, China 266101
 t (86-532) 68999888 f (86-532) 80991955

www.sgs.com.cn
 e sgs.china@sgs.com



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	TAO19-043014.001	Green plastic flooring

Remarks :

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

GB 18586-2001- Soluble Heavy metal

Test Method : According to GB 18586-2001.

Test Item(s)	Limit	Unit	MDL	001
Soluble Lead (Pb)	20	mg/m ²	5	ND
Soluble Cadmium (Cd)	20	mg/m ²	5	ND
Conclusion				PASS

GB 18586-2001-Vinyl chloride monomer (VCM)

Test Method : According to GB 18586-2001.

Test Item(s)	Limit	Unit	MDL	001
VCM(Vinyl Chloride Monomer)	5	mg/kg	0.5	ND
Conclusion				PASS



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GB 18586-2001- volatile matter (VOM)

Test Method : According to GB 18586-2001.

Test Item(s)	Limit	Unit	MDL	001
Volatile Matter (VOM)	★	g/m ²	-	1.4
Conclusion				PASS

Notes :

★= See attached Table

Volatile limit of foaming floor coverings		Volatile limit of non-foaming floor coverings	
Glass fiber base material	Other base material	Glass fiber base material	Other base material
≤75	≤35	≤40	≤10

Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)-Phthalates content

Test Method : With reference to EN 14372: 2004, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Dibutyl Phthalate (DBP)	84-74-2	-	%	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	-	%	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	-	%	0.003	0.011
Total (DBP+BBP+DEHP)		0.1	%	-	0.011
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	-	%	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	-	%	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	-	%	0.010	ND
Total (DINP+DNOP+DIDP)		0.1	%	-	ND
Conclusion					PASS



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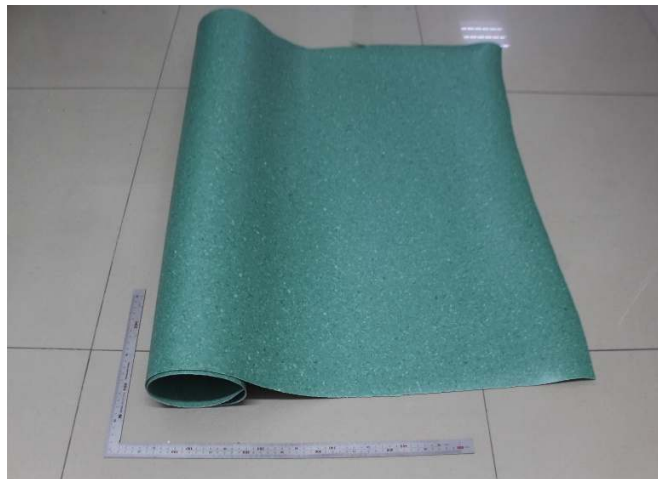
Notes :

European Parliament adopted new phthalate Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC);

(1-1) DBP, BBP and DEHP are totally banned for use in any toys and childcare articles where their concentration exceeds 0.1% by mass.

(1-2) DINP, DNOP, DIDP are totally banned for use in toys and childcare articles that can be mouthed where their concentration exceeds 0.1% by mass.

Sample Photo:



SGS authenticate the photo on original report only

End of Report



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