

TEST REPORT

No. : SHIN1912092826PS

Date : Jan 16, 2020

Page: 1 of 9



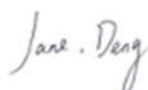
CUSTOMER NAME: ZHEJIANG HAILIDE NEW MATERIAL CO., LTD.
ADDRESS: NO.2 TINGCHAO ROAD, JIANSHAN, HAINING CITY, ZHEJIANG PROVINCE CHINA

Sample Name : PVC TARPAULIN

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Dec 30, 2019
Testing Start Date : Dec 30, 2019
Testing End Date : Jan 16, 2020
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Service (Shanghai)Co., Ltd.



Jane Deng
Authorized signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn
中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

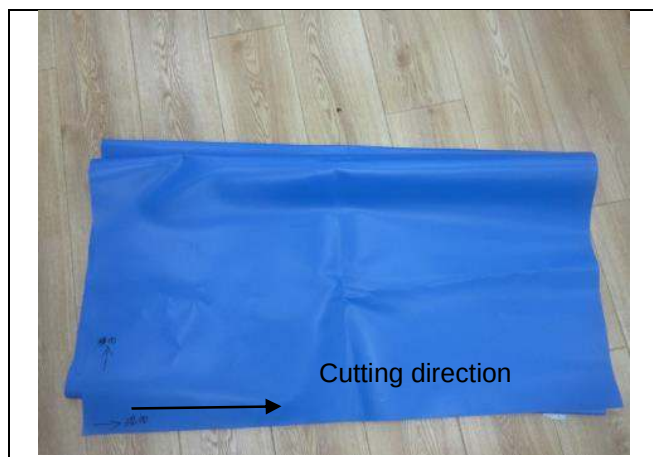
TEST REPORT

No. : SHIN1912092826PS

Date : Jan 16, 2020

Page: 2 of 9

Original Sample Photo:



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn

中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

TEST REPORT

No. : SHIN1912092826PS

Date : Jan 16, 2020

Page: 3 of 9

1. Test Item: Light Ageing Test-UV Exposure

Sample Description: Blue plastic part

Test Method: ASTM G154-12a Cycle 1

Test Condition:

Exposure cycle:

ASTM G154-12a Cycle 1

Lamp type: UVA-340

8h UV at (60±3)°C BPT, 0.89W/(m²·nm)@340nm

4h condensation at (50±3)°C BPT

Exposure duration: 100h

Test Result:

Test Item	Sample	Grey Scale
Light Ageing Test-UV Exposure	Tear strength sample	4-5
	Tensile sample	4-5

Note:

- 1) According to ISO 105-A02:1993/Cor.2:2005, the grey scale was determined under the D65 standard light, with scale 5 as the best and scale 1 as the worst.
- 2) The results were carried out within 1 hour after above specified durations for the intermediate inspection as well as at the end of the exposure.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn
 中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

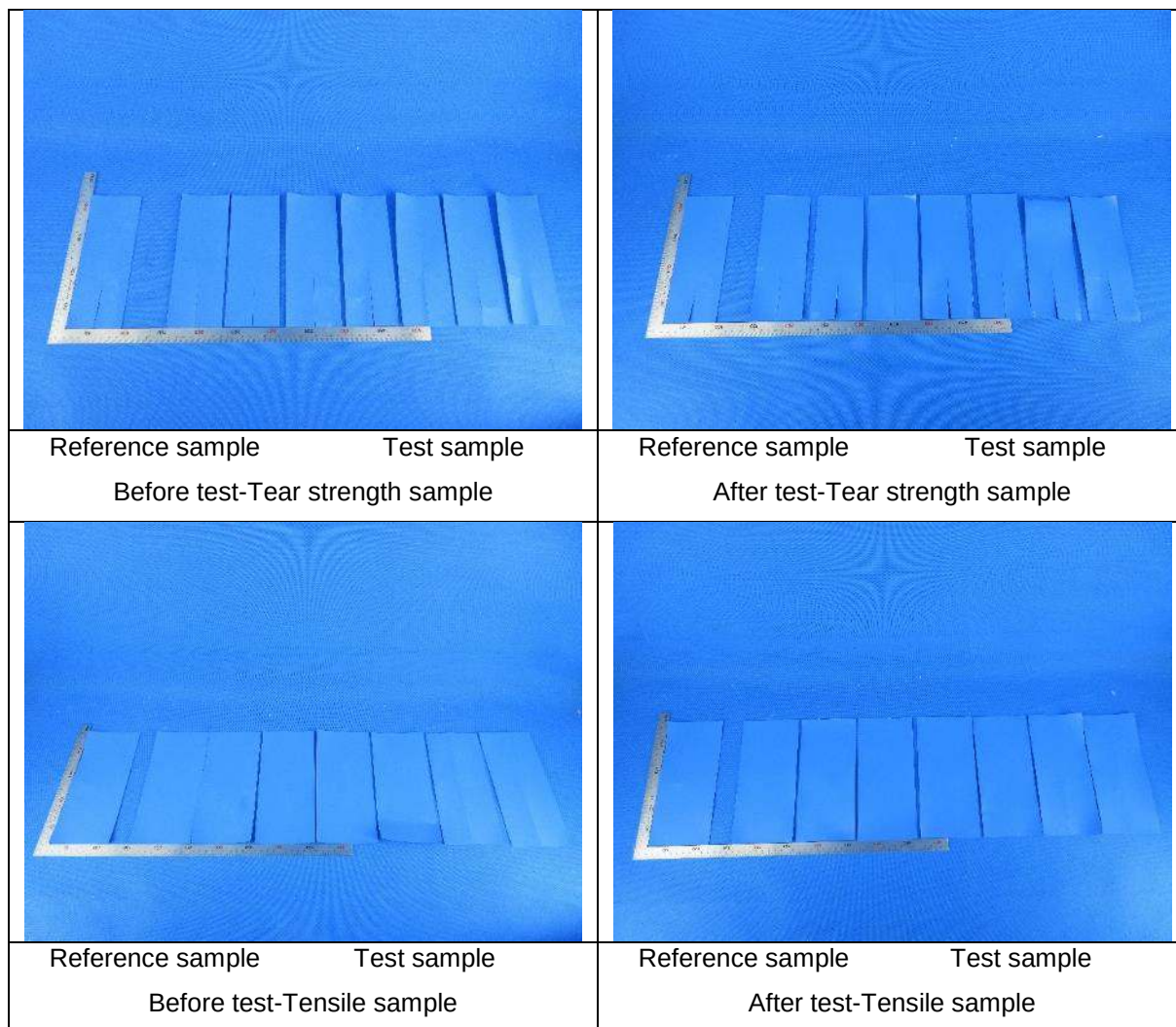
TEST REPORT

No. : SHIN1912092826PS

Date : Jan 16, 2020

Page: 4 of 9

Test Photo:



This test method was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn
中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

TEST REPORT

No. : SHIN1912092826PS

Date : Jan 16, 2020

Page: 5 of 9

2. Test Item: Tear Strength

Sample Description: Blue plastic part

Test Method: ASTM D2261-13(2017)

Test Condition:

As received condition: 23 ± 2 °C, 50 ± 5 %RH, 48 h

Light aging condition: UV exposure(see test item 1)→ 23 ± 2 °C, 50 ± 5 %RH, 24 h

Specimen width: 75 mm

Specimen thickness: 0.522 mm

Testing speed: 50 mm/min

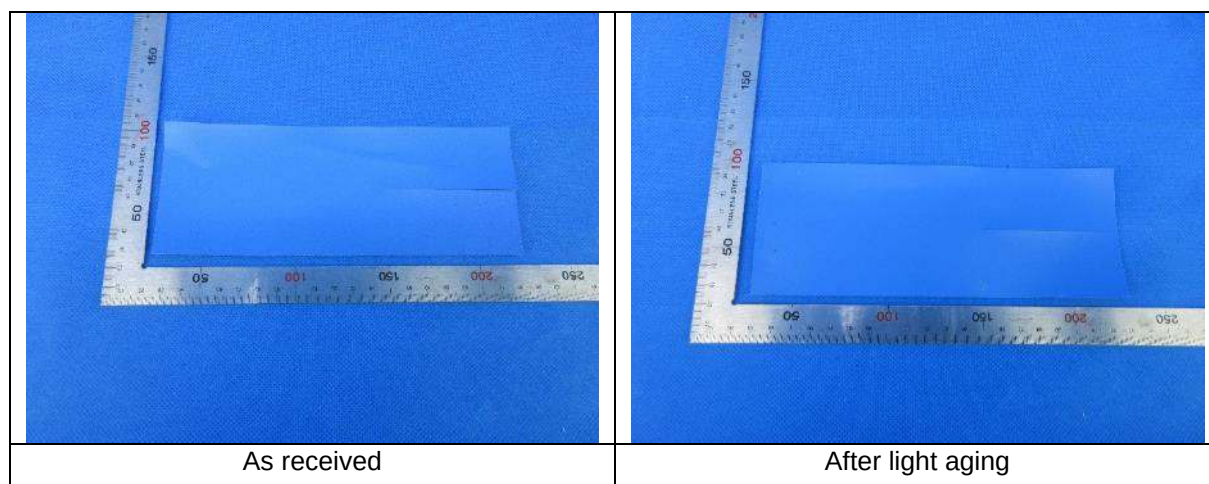
Lab Environmental Condition: 23 ± 2 °C, 50 ± 5 %RH

Test Result:

Test Item	Test Result	
Tear Strength	As received	303.5 N
	After light aging	287.5 N

Note: Test specimens were cut from the sample.

Sample Photo:



This test method was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.89, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn
中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

TEST REPORT

No. : SHIN1912092826PS

Date : Jan 16, 2020

Page: 6 of 9

3. Test Item: Breaking Force

Sample Description: Blue plastic part

Test Method: ASTM D5034-09(2013) Grab test

Test Condition:

As-received condition: 23 ± 2 °C, 50 ± 5 %RH, 48 h

Light Ageing condition: UV exposure(see test item 1)→ 23 ± 2 °C, 50 ± 5 %RH, 24 h

Specimen width: 100 mm

Specimen thickness: 0.506 mm

Testing speed: 300 mm/min

Initial distance between grips: 75 mm

Lab Environmental Condition: 23 ± 2 °C, 50 ± 5 %RH

Test Result:

Test Item	Test Result	
Breaking Force	As -received	533 lbs
	After light ageing	553 lbs

Note: Test specimens were cut from the sample.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn
 中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

TEST REPORT

No. : SHIN1912092826PS

Date : Jan 16, 2020

Page: 7 of 9

4. Test Item: Colour Fastness To Rubbing

Sample Description: Blue plastic part

Test Method: ISO 105-X12:2016; Size of rubbing finger: 16mm dia

Test Result:

As Received

	Unit	(A)-smooth side
Dry Staining	-	4-5
Wet Staining	-	4-5

Note: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.

Test Photo:



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn
 中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

TEST REPORT

No. : SHIN1912092826PS

Date : Jan 16, 2020

Page: 8 of 9

5. Test Item:

EN 71-2:2011+A1:2014 Safety of toys Part 2: Flammability, Clause 4.4-Toys intended to be entered by a child

I. Test Method

Test in accordance with "EN 71-2:2011+A1:2014 Safety of toys — Part 2: Flammability".

II. Description of the products

Sample description	PVC
Color	Blue
Fabric weight	609 g/m ²

III. Conditioning

Temperature	20±5°C	Humidity	65±5%	Duration	at least 7 hours
-------------	--------	----------	-------	----------	------------------

Cleaning procedure details: None

IV. Result and Conclusion

Test item	Requirements	Products details	Test method	Criteria	Result	Conclusion
Clause 4.4	Toys intended to be entered by a child	----	Clause 5.4	FSR≤30mm/s or S/E; And If FSR>20mm/s, there shall be no flaming debris or molten drips	SE	Pass

Conclusion: [☒] Meets; [☐] Does not meet

Remark: FSR--- the rate of flame spread

Statement: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.89, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgs.com.cn
中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com

TEST REPORT

No. : SHIN1912092826PS

Date : Jan 16, 2020

Page: 9 of 9

Test Photo:



This test method was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch.

***** End of report*****



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 www.sgsgroup.com.cn
中国·上海·浦东康桥东路1159弄69号 邮编: 201319 t(86-21) 61196300 f(86-21) 68183122/68183920 e sgs.china@sgs.com