

## TEST REPORT

No. : TJMR251100684801

Date : Nov 24, 2025

Page: 1 of 4



CUSTOMER NAME: ZHENGZHOU WANZHI STEEL MATERIALS CO.,LTD  
ADDRESS: ROOM 1012,BUILDING 8TH SHENGLONG CITY, XINGHUA SOUTH STREET,ERQI DISTRICT,ZHENGZHOU CITY,HENAN PROVINCE

Sample Name : VCM Steel(WHITE SPONGE PURE)  
Material and Mark : JIS G3312 SGCC  
Product specification : 0.45\*946  
Product or Lot No. : Wan/B 1025087  
Buyer :   
Manufacturer : ZHENGZHOU WANZHI STEEL MATERIALS CO.,LTD

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.

\*\*\*\*\*

SGS Ref. No. : TJIN2511002414PL01,TEST-2025-EGO-0085  
Date of Receipt : Nov 17, 2025  
Testing Start Date : Nov 17, 2025  
Testing End Date : Nov 24, 2025  
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  
Services (Tianjin) Co., Ltd.

Doris Liang

Doris Liang  
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

Building C-13, No.80, Haiyun Avenue, TEDA, Tianjin, China 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 www.sgs.com.cn  
中国·天津·经济技术开发区海云街80号C-13厂房 邮编: 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 e sgs.china@sgs.com

## TEST REPORT

No. : TJMR251100684801

Date : Nov 24, 2025

Page: 2 of 4

### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Pencil Hardness	JIS G 3312:2024 Section 14.2.5 and client's requirement	4B	/

Note: Pass : Meet the requirements;  
Fail : Does not meet the requirements;  
/ : Not Apply to the judgment.



SGS-CSTC 技术服务(天津)有限公司  
Materials Laboratory

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](mailto:CN.Doccheck@sgs.com)

Building C-13, No.80, Haiyun Avenue, TEDA, Tianjin, China 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 www.sgs.com.cn  
中国·天津·经济技术开发区海云街80号C-13厂房 邮编: 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## TEST REPORT

No. : TJMR251100684801

Date : Nov 24, 2025

Page: 3 of 4

1. Test Item: Pencil Hardness

Sample Description: A-Coating metal panel

Test Method: JIS G 3312:2024 Section 14.2.5 and client's requirement

Test Condition:

Test Pencil: Mitsubishi® Uni

Load: 1000 g

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

Test Result:

Sample	Pencil Hardness
A	4B

Note:

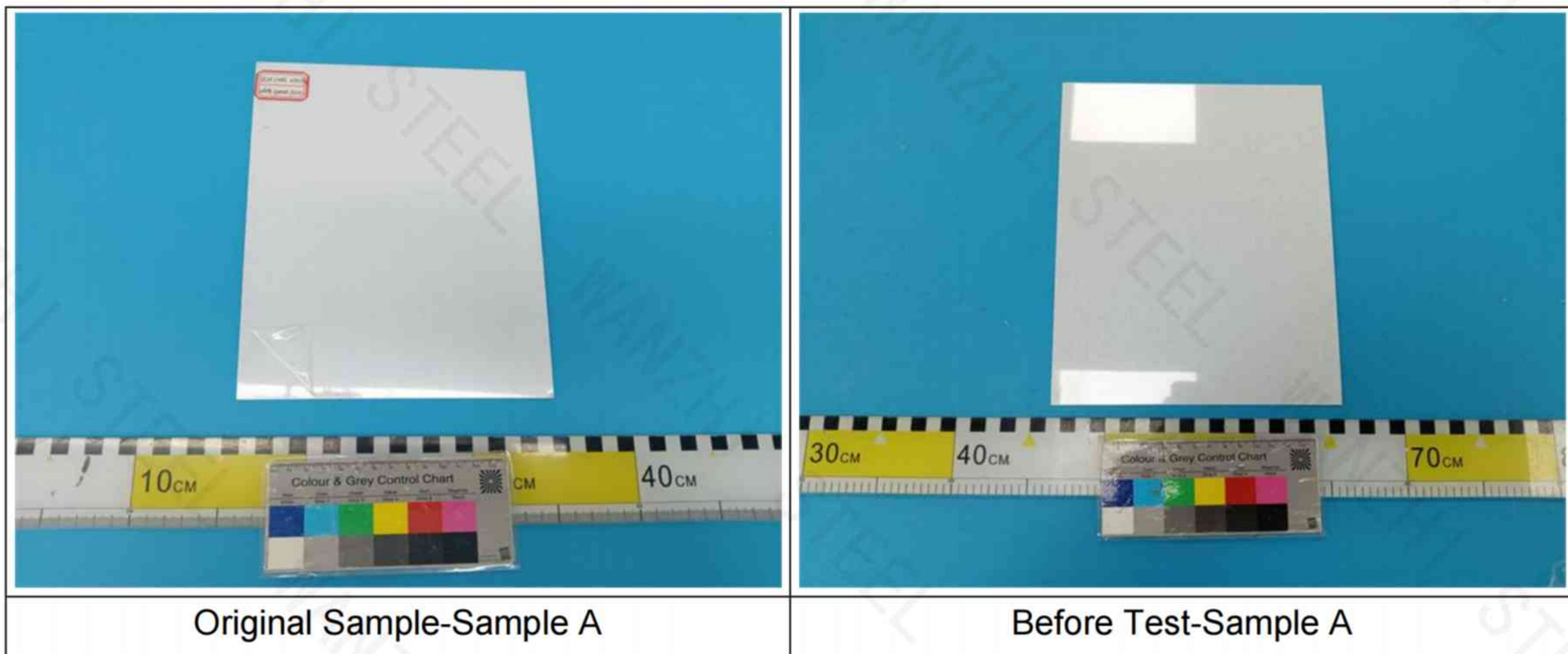
1. In Mitsubishi® Uni test pencil, 9H is the hardest and 6B is the softest.

6B-5B-4B-3B-2B-B-HB-H-2H-3H-4H-5H-6H-7H-8H-9H

softer ←-----→ harder

2. The sample was tested after removing the protective film.

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-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

Building C-13, No.80, Haiyun Avenue, TEDA, Tianjin, China 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 www.sgs.com.cn  
 中国·天津·经济技术开发区海云街80号C-13厂房 邮编: 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 e sgs.china@sgs.com

## TEST REPORT

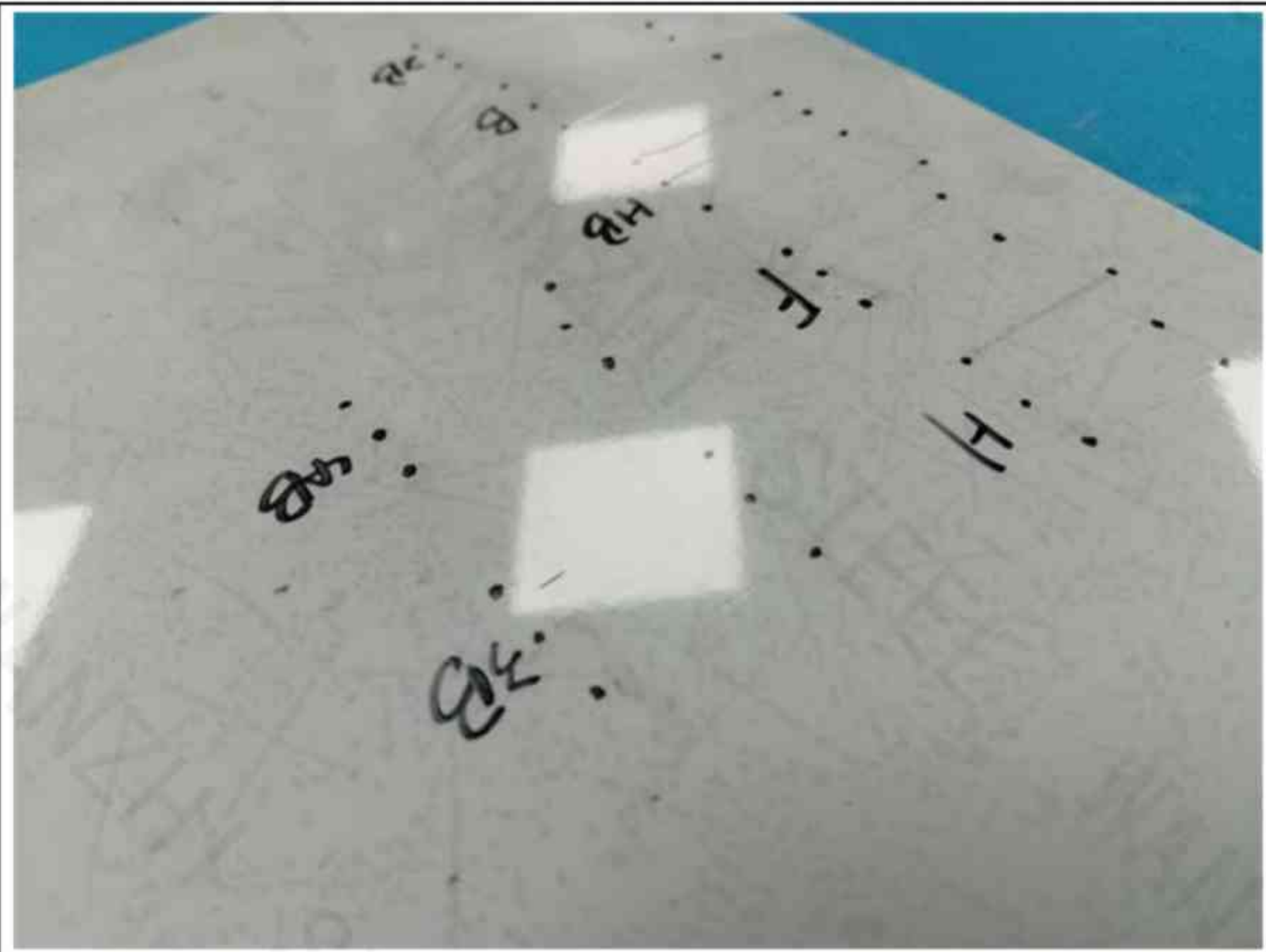
No. : TJMR251100684801

Date : Nov 24, 2025

Page: 4 of 4



After Test-Sample A



After Test-Sample A-Local part

### Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Combined Pencil Hardness Tester	BGD 505	POL-308	2025-11-12	2026-11-11

### Appendix information:

\*The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc. and just for client internal reference.

\*\*\*\*\* 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-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

SGS-CSTC (Shanghai) Technical Services (Tianjin) Co., Ltd.  
Materials Laboratory

Building C-13, No.80, Haiyun Avenue, TEDA, Tianjin, China 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 www.sgs.com.cn  
中国·天津·经济技术开发区海云街80号C-13厂房 邮编: 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 e sgs.china@sgs.com