

TEST REPORT

No. : NBIN1708007667ML

Date : Aug 08, 2017

Page: 1 of 2

CUSTOMER NAME: NINGBO DOWEDO INTERNATIONAL TRADE CO.,LTD
ADDRESS: 6-7 NO.203, LANTIAN ROAD, HAISHU, NINGBO, CHINA.

Sample Name : RADIATOR COPPER TUBE
Product Specification : 17 x 3.5 x 0.25mm
Material and Mark : C1220

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.

Test Required : Dimension Measurement, Hardness Test, Chemical Composition Analysis
Date of Receipt : Aug 01, 2017
Testing Start Date : Aug 01, 2017
Testing End Date : Aug 08, 2017
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 Co., Ltd Ningbo Branch



Arya Yang
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-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 Standards Technical Services Co., Ltd.
Ningbo Branch

1-2,5F West No. 4 Building, Lingyun Industry Park, No. 1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, China 315040 t (86-574) 87767006 f (86-574) 87901159 www.sgs.com.cn
中国·宁波·国家高新区凌云路1177号凌云产业园4号楼西1-2,5层 邮编: 315040 t (86-574) 87767006 f (86-574) 87901159 e sgs.china@sgs.com

TEST REPORT

No. : NBIN1708007667ML

Date : Aug 08, 2017

Page: 2 of 2

1. Dimension Measurement:

Dimension Feature	Measuring equipment	Results	Unit (mm)
Width	Micrometer	16.939	
Height	Micrometer	3.479	
Thickness	Micrometer	0.263	

2. Hardness Test:

Test Method: GB/T 4340.1-2009

Test item	Test position	Result		
HV 0.5	Surface	91.7	89.9	91.1

3. Chemical Composition Analysis:

Test Method: Cu: GB/T 5121.1-2008

Others: GB/T 5121.27-2008(ICP-OES)

Element	Cu	P
Result ,%	99.94	0.030

Photo:



- All above tests were carried out by a SGS laboratory.

***** 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

1-2,5F West No. 4 Building, Lingyun Industry Park, No. 1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, China 315040 t (86-574) 87767006 f (86-574) 87901159 www.sgs.com.cn
 中国·宁波·国家高新区凌云路1177号凌云产业园4号楼西1-2,5层 邮编: 315040 t (86-574) 87767006 f (86-574) 87901159 e sgs.china@sgs.com