

## **TEST REPORT**

No.: TJIN2008011278ML-01

Date: Oct 13, 2020

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This Report supersedes the Report No. TJIN2008011278ML dated Aug 26, 2020 issued by SG

Tianjin Materials Lab.

CUSTOMER NAME: SHANDONG HENGSHENG PROTECTIVE PRODUCTS CO., LTD.

ADDRESS: MIDDLE OF MINGJIA ROAD, QIHE COUNTY, DEZHOU CITY,

SHANDONG PROVINCE, CHINA

Sample Name : Al profile

Manufacturer : Shandong Hengsheng Protective Products Co., Ltd.

Buyer : Jinan Hengsheng New Building Materials Co., Ltd

Other Information : MODEL NO: handrail, wall guard, corner guard, Curtain Rail, IV Rail,

IV Hanger, etc

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. : TP20-005949

Date of Receipt : Aug 18, 2020

Testing Start Date : Aug 18, 2020

Testing End Date : Aug 26, 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 Services(Tianjin) Co., Ltd

Kevin Zhou

Authorized signatory



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1. Test Item: Chemical Composition Analysis

Test Method: OES

Element	Si	Fe	Cu	Mn	Mg
Result ,%	0.41	0.13	0.03	0.03	0.63

2. Test Item: Tensile Test

Test Method: GB/T 228.1-2010

Test item	Specimen type	Tensile strength (R <sub>m</sub> ) (MPa)	Yield strength (R <sub>p0.2</sub> ) (MPa)	Elongation after fracture(A) L <sub>o</sub> =80mm (%)
1	Rectangular specimen	243	222	10.5

Note: The distance between the fracture and the next gauge mark is less than L<sub>0</sub>/3.

3. Test Item: Vickers Hardness Test

Test Standard: GB/T 4340.1-2009

Sample No.	Test Item	Test Position	Result		
1	HV 1	Near Surface	84.6	86.4	86.2



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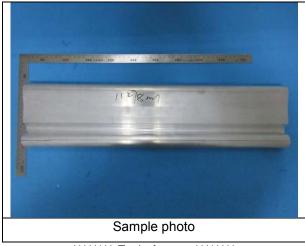


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\*\*\*\*\*\* End of report\*\*\*\*\*

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