

TEST REPORT

No. : GZIN2309006198ML02_EN

Date : 2023-09-12

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CUSTOMER NAME: GUANGZHOU BIELSTAGE TECHNOLOGY CO.,LTD
ADDRESS: No.6 SHAKENG SECOND INDUSTRIAL ZONE,SHAWAN
TOWN,GUANGZHOU,CHINA

Sample Name : 90*60*2mm Aluminum profile
Product Specification : 90*60*2mm

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 : 2023-09-05
Testing Period : 2023-09-05 ~ 2023-09-12
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. Guangzhou
Branch.

Shining Chan
Authorized signatory



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1. Chemical Composition Analysis

Element	Test Method	Req.(%)	Result 002 (%)	Con.
Si	ASTM E1251-17a	0.40~0.8	0.52	Pass
Fe	ASTM E1251-17a	≤0.7	0.26	Pass
Cu	ASTM E1251-17a	0.15~0.40	0.18	Pass
Mn	ASTM E1251-17a	≤0.15	0.042	Pass
Mg	ASTM E1251-17a	0.8~1.2	0.88	Pass
Cr	ASTM E1251-17a	0.04~0.35	0.059	Pass
Zn	ASTM E1251-17a	≤0.25	0.043	Pass
Ti	ASTM E1251-17a	≤0.15	0.021	Pass

Note: The results comply with the requirement of ASTM B221-20 type 6061.

2. Tensile test:

Test method: ASTM B557-15

Test item	Specimen type	Tensile strength, S _u (ksi)	Yield strength, YS (0.2% offset) (ksi)	Elongation after fracture, G=2in (%)	Con.
Req.	-	≥38 (t≤0.249)	≥35 (t≤0.249)	≥8 (t≤0.249)	-
Result	Rectangular specimen	40.39	35.56	10.5	Pass

Note: 1. 1MPa≈0.145ksi.

2. t is specimen thickness, in.

3. The results comply with the requirement of ASTM B221-20 type 6061-T6.



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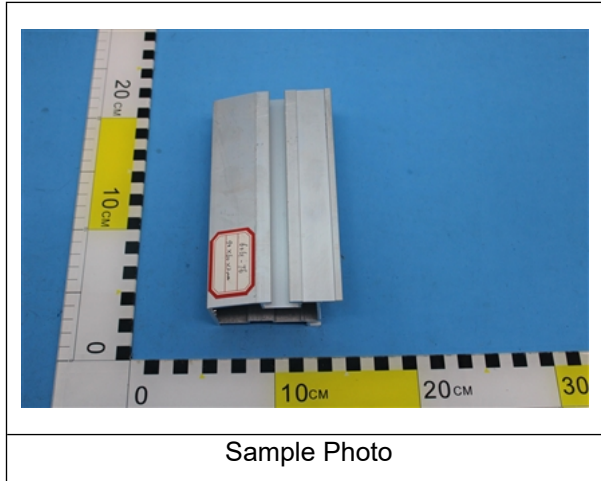
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Unless otherwise stated, this report provides a declaration of conformity according to whether the test results are within the specified limits or specifications without considering the measurement uncertainty.

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