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CUSTOMER NAME: YIXINDA INTERNATIONAL LIMITED ADDRESS: ROOM 1502, EASEY COMMERCIAL BUILDING, 253-261 HENNESSY ROAD, WANCHAL, HONGKONG

This test report updates Home page information, supersedes the test report No. SHIN22003122ML01_EN dated Jun 17, 2022, original report will be invalid from today.

Sample Name	:	aluminum alloy 6101-T63 sheet
Product Specification	:	5mm(T)*100mm(W)*300mm(L)
Manufacturer	:	YIXINDA INTERNATIONAL
Material and Mark	:	6101-T63

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	:	Chemical Composition Analysis, Bend Test, Tensile Test
SGS Ref. No.	:	CQAT2206006448MT
Date of Receipt	:	2022-06-14
Testing Start Date	:	2022-06-14
Testing End Date	:	2022-06-17
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 (Shanghai) Co., Ltd..

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Kant Xu Authorized signatory



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1. Chemical Composition Analysis

Requirement: According to ASTM B317/B317M-07(2015)

Element	Test Method	Req.(%)	Result 001 (%)	Con.
Si	ASTM E1251-17a	0.30~0.70	0.44	Pass
Fe	ASTM E1251-17a	≤0.50	0.12	Pass
Cu	ASTM E1251-17a	≤0.10	<0.01	Pass
Mn	ASTM E1251-17a	≤0.03	<0.01	Pass
Mg	ASTM E1251-17a	0.35~0.80	0.37	Pass
Cr	ASTM E1251-17a	≤0.03	<0.01	Pass
Zn	ASTM E1251-17a	≤0.10	0.02	Pass
В	ASTM E1251-17a	≤0.06	<0.001	Pass
Al	ASTM E1251-17a	Rem.	Rem.	Pass

2. Bend Test

Test Method:ASTM E290-14

Test item	Thickness (t) (mm)	Bend diameter (d) (mm)	Bend angle (°)	Result	Conclusion
Bend- 001	5.0	2t	90	No crack	Pass

Note: The results comply with the requirement of ASTM B317/B317M-2015 type T63.



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3. Tensile Test

Test Method:ASTM B557-15

Test item	Specimen type	Tensile strength (MPa)	Yield strength (0.2% offset) (MPa)	Elongation after fracture G=50mm (%)	Con.
Req.	-	≥185	≥150	-	-
Result-001	Rectangular specimen	194	169	18.0	Pass

Note: The requirement is specified in ASTM B317/B317M-2015 type 6101-T63.

Equipment Information:

Equipment	Model	Equipment	Calibration	Next Calibration
Equipment	MOUEI	No.	date	date
Stationary metal analyzer	MAXXLMM16	Metal-189	2020-07-15	2022-07-14
Universal testing machine	CMT5205	Metal-35	2021-09-10	2022-09-09
Vertical Bending Machine	HWQ-40A	Metal-191	2021-09-10	2022-09-09



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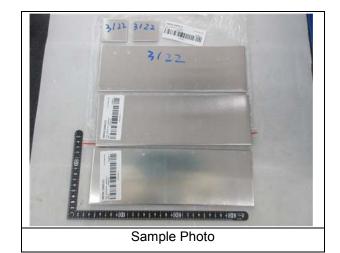
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*********End of report*******

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