

TEST REPORT

No. : QDIN2206003545ML

Date : Jun 27, 2022

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scan to see the report



QDIN2206003545ML

CUSTOMER NAME: QINGDAO JINFER INTERNATIONAL CO., LTD
ADDRESS: 1803, 18/F, BLOCK B, CHINA RESOURCES BUILDING
NO. 6 SHAN DONG RD., QINGDAO, CHINA 266000

Sample Name : Aluminum Channel
Product Specification : 120x45
Product or Lot No. : A30000 Slim Aluminum Channel
Manufacturer : Qingdao Jinfer International Co., Ltd
Buyer : Qingdao Jinfer International Co., Ltd
Material and Mark : Aluminum

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 : Jun 16, 2022
Testing Start Date : Jun 16, 2022
Testing End Date : Jun 27, 2022
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 (Qingdao) Co., Ltd.

Rose wang

Rose wang
Authorized signatory



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Mechanical Property Test:

Test Method: Client's requirement

Test Procedure: Install glass (1000mm width, 17.52mm thickness) on aluminum channel. A point load was applied to the glass at a height of 1000mm above the datum level of the floor and measured the deflection at the top central point of the panel above the datum level of the floor and the permanent deformation under the maximum strength during the test. Under the specified load, the duration shall be less than or equal to 30 seconds.

Test result are as follows.

Product	Height above the datum level of the floor	Test Force			Displacement under force (mm)
		Theoretical value (kN)	Theoretical value (kg) (See note1)	Measured value (kg)	
A30000 Slim Aluminum Channel	1000mm	0.74	75.5	76.1	24.60
		1.0	102.0	103.1	32.82
		1.5	153.1	153.5	58.69
		Permanent deformation(mm)			7.40

Note: The force conversion is based on 9.8N/kg.



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Fig.1 Sample before test

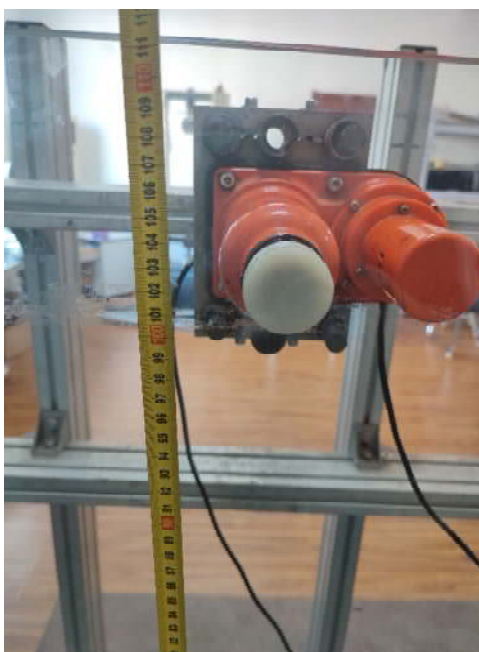


Fig.2 Test position



Fig.3 Test data



Fig.4 Test data



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Fig.5 Test data



Fig.6 Test data

[illegible]

Fig.7 Equipment calibration certificate

Test items were witnessed by SGS-CSTC (Qingdao) Co., Ltd. at Qingdao Jinfer International Co., Ltd. which performed the above testing.

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



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