



TEST REPORT

No. : XMIN1502000774ML

Date : Feb 12, 2015

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CUSTOMER NAME: XIAMEN SOLAR FIRST ENERGY TECHNOLOGY CO.,LTD
ADDRESS: 17TH FLOOR, BUILDING NO.3, XINGLINWAN BUSINESS OPERATION
CENTER, JIMEI DISTRICT, XIAMEN CITY, P.R.CHINA

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : RAIL-01
Product Specification : 40
Manufacturer : Xiamen Solar First Energy Technology Co.,Ltd
Buyer : Xiamen Solar First Energy Technology Co.,Ltd
Material and Mark : AL6005-T5
Other Information : SF-R01
Date of Receipt : Feb 05, 2015
Testing Start Date : Feb 05, 2015
Testing End Date : Feb 12, 2015
Test result(s) : For further details, please refer to the following page(s)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd Xiamen Branch
Testing Center

Spike Tang
Authorized signatory



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Bend test:

Test method: according to the client's requirements, as the following schematic, place the sample on two supports with the mid-length match the former, load the force vertically till the sample destroyed.

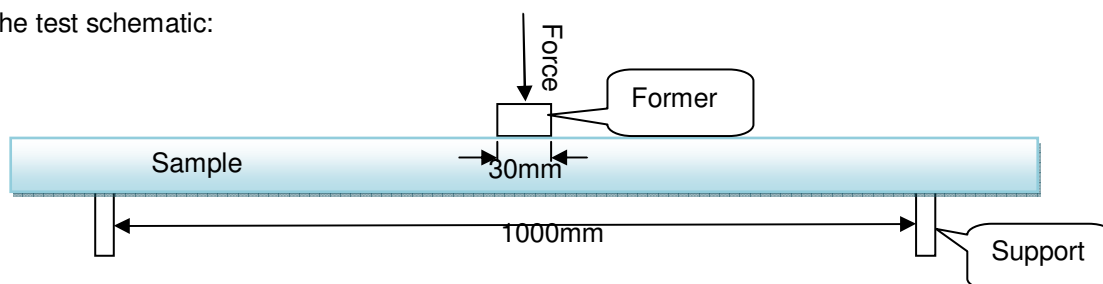
Determine the maximum force.

Former: width is 30mm; length is 105mm,

Span length: 1000mm;

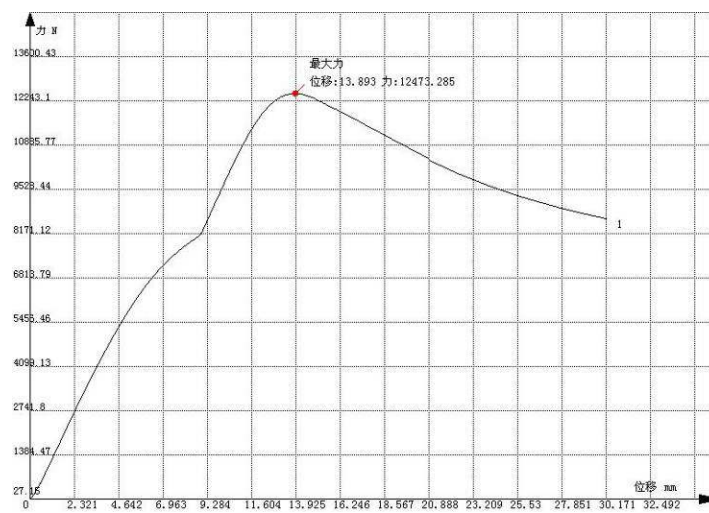
Test rate: 12mm/min.

The test schematic:



Test result: The maximum bend force is 12473N.

Test curve:



Force-displace curve



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Test Photo:



Photo 1: before loading

Photo 2: the moment of destruction



Photo 3: destroyed part

Photo 4: sample after test

***** End of Report *****