



## TEST REPORT

No. : XMIN171202684CCM

Date : Jan.08, 2018

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CUSTOMER NAME: SHANDONG HEZE MAOSHENG WOOD PRODUCTS CO. LTD.,  
ADDRESS: ZOU VILLAGE ZHUANGZHAI TOWN CAO COUNTY

Sample Name : PARTICLEBOARD

Material : Poplar

Spec. : 38mm\*50mm\*50mm

Manufacturer : Shandong Heze Maosheng Wood Products Co. Ltd.,

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 : Selected test(s) as requested by applicant

SGS Ref. No. : CANMLC1725763501

Date of Receipt : Dec.18, 2017

Testing Start Date : Dec.18, 2017

Testing End Date : Jan.08, 2018

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)

\*\*\*\*\* To be continued\*\*\*\*\*

Signed for  
SGS-CSTC Standards Technical  
Services Co., Ltd. XM Branch

Civi Huang Authorized Signatory



SGS-CSTC Standards Technical Services Co., Ltd.  
Xiamen Branch Testing Center Commercial Construction Material Laboratory

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## Sample Information:

Chipboard, see the photograph.

## Test Result(s):

No.	Test item(s)	Test method(s)	Test condition	Test result(s)
1	Density	EN 323:2002	Specimen: 50mm×50mm×38mm, 6pcs Condition: 23±2°C, 50±5%RH, 48h	530 kg/m <sup>3</sup>
2	Moisture content	EN 323:2002	Specimen: 50mm×50mm×38mm, 4pcs	8.75 %
3	Bending strength	EN 310:1993	Specimen: 1130mm×50mm×38mm, 6pcs Condition: 20±2°C, 65±5%RH, 48h	15.4 N/mm <sup>2</sup>
	Modulus of elasticity			2640 N/mm <sup>2</sup>
4	Swelling in thickness	EN 317:1993	Specimen: 50mm×50mm×38mm, 8pcs Condition: Deionized water, PH: 7.0±1, 20±2°C, 24h	6.04 %
5	Surface soundness	EN 311:2002	Specimen: 50mm×50mm×38mm, 8pcs cut from the original samples 50mm×50mm×38mm Condition: 20±2°C, 65±5%RH, 48h	1.67 N/mm <sup>2</sup>
6	Tensile strength perpendicular to the plane of the board	EN 319:2002	Specimen: 50mm×50mm×38mm, 8pcs Condition: 20±2°C, 65±5%RH, 48h	0.30 N/mm <sup>2</sup>
7	Formaldehyde	BS EN 322:1993 & BS EN 120:1992	Analysis was performed by UV Vis.	7.6 mg/100g See Annex A

Note: Formaldehyde was carried out by SGS-CSTC Standards Technical Services Co., Ltd. GZ Branch.

\*\*\*\*\* To be continued\*\*\*\*\*



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### Annex A

#### Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (<MDL)
- (4) "-" = Not Regulated

### Formaldehyde

#### Test Method:

With reference to BS EN 322:1993 & BS EN 120:1992, analysis was performed by UV-Vis.

Test Item(s)	Unit	MDL	Result
Moisture	%(w/w)	-	7.2
Formaldehyde	mg/100g	2.0	24.6

\*\*\*\*\* To be continued\*\*\*\*\*



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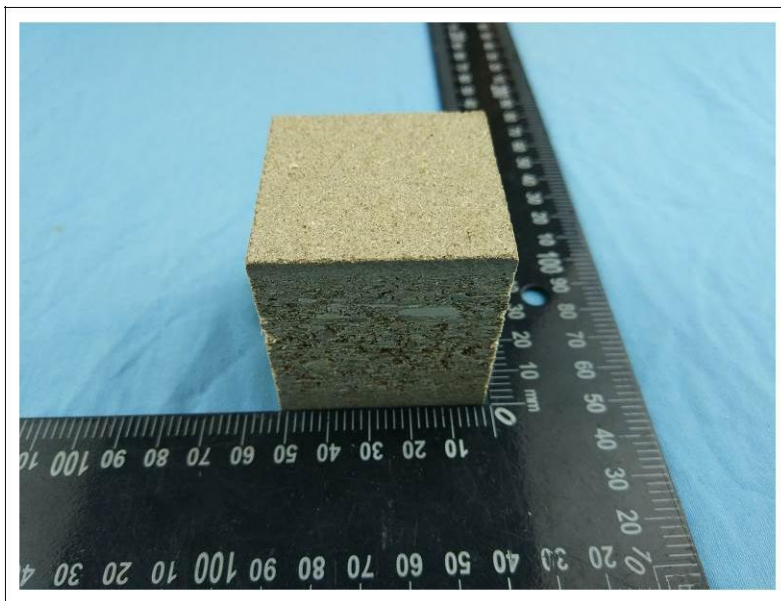
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Specimen photograph:



SGS authenticate the photo on original report only

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



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