





中国认可 国际互认 **TESTING CNAS L2249**

REPORT No.17-1081

TEST REPORT



PRODUCT	PLYWOOD
COMPANY	XUZHOU HUAYU WOOD INDUSTRY CO., LTD.
CLASSIFYING	ENTRUSTED TESTING

国家林业局人造板及其事品质量标 虚检测中心(南京)

南京林业大学术科及其制品侧试中心

WOOD PRODUCTS QUALITY TEST& INSPECTION CENTER OF STATE FORESTRY ADMINISTRATION (NANJING)

ADD: No.159 Longpan Road, Nanjing Forestry University, Jiangsu Province, China 中国江苏省南京市龙蟠路 159 号 南京林业大学内 TEL: 025-85427522/85485181 FAX: 025-85427522 PC: 210037

OF STATE FORESTRY ADMINISTRATION (NANJING)

TESTING REPORT

No.17-1081

4 PAGES No.1

Inspected unit	XUZHOU HUAYU	J WOOD INDUS	TRY CO., LFD.		
Production unit	XUZHOU HUAYU	WOOD INDUS	TRY CO., LTD		
Product name	Plywood	Trademark			
Product size	Thickness: 14mm	Classification EN314-1, EN314-2			
Grade	Acceptable part	Standard	EN314-1, EN314-2, EN 310 EN322, EN717-2, EN323		
Batch No./ Production date	// 2017-08-31	Sample size mm: 600×600×14 4p			
Bonding class	1	Wood species	Poplar		
Testing item	bending, Bending stren	ngth, formaldehyde r			
Conclusion	Required by XUZHOU HUAYU WOOD INDUSTRY CO., Laccording to the standard EN322, EN323, EN314-1, EN314-2, EN 316 EN717-2, Wood Products Quality & Inspection Center of State For Administration (Nanjing) tests its sending the plywood sam Mechanical properties (Moisture content, Density, Bonding qu Modulus of elasticity in bending, Bending strength) and formalde release. Test values see in Page 2. Page3 and Page4 Testing unit(stamp) Issuing date: October 224077				
Remarks	inspected unit. 2. This report is only resp 3. Bonding quality' detai in water at (20±3)°C.	onsible for sending sam ls of pretreatments EN3 EN314-13 5.1.4: Imme ing in water at(20±3)	of the product are supplied by the ples. B14-1 5.1.1: Immersion for 24 hours exist for (72 ± 1) hours in boiling °C for at least 1 hour to decrease		

Approved by: 芸口良 Reviewed by: 漢字

Tested by: 派病

WOOD PRODUCTS QUALITY TEST& INSPECTION CENTER

OF STATE FORESTRY ADMINISTRATION (NANJING)

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No.17-1081

4 PAGES No.2

Inspected	unit	XUZHOU HUA	YU WUU	D INDUSTRY CO	J., LID.	
Product name		Plywood		Sampling method	Sending	
Product s	size	Thickness: 14mr	n	Standard	EN314-1,EN314-2,EN310	
Testing d	late	September 25, 2 October 12, 2		Standard	EN322, EN717-2,EN 323	
Tes	ting i	tem	Unit	Standard used	Tested value	
	Mea	n shear strength(f _V)	N/mm ²	EN 314	1.14	
Bonding quality	The	standard deviation	_	(pretreatments by	1 0.08	
(glueline		n apparent cohesive yood failure (W)	%	EN314-1 5.1.1)	84	
	Mea	n shear strength(f _V)	N/mm ²	EN 314 (pretreatments by EN314-1 5.1.1)	1.20	
Bonding quality	The	standard deviation	_		0.16	
(glueline 2)		n apparent cohesive	%	5	74	
D !!	Mea	n shear strength(f _V)	N/mm ²	EN 314	1.23	
Bonding quality	The	standard deviation	_	(pretreatments by	0.07	
(glueline 3)		n apparent cohesive	%	EN314-1 5.1.1)	63	
Bonding quality (glueline 4)	Mea	n shear strength(f _V)	N/mm ²	EN 314	1, 22	
	The	standard deviation		(pretreatments by EN314-1 5.1.1)	0. 25	
	1	n apparent cohesive	%		100	

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TESTING REPORT

No.17-1081

4 PAGES No.3

				C!'		
Product name		Plywood		Sampling method	Sending	
Product s	ize	Thickness: 14mm		Ctou doud	EN314-1,EN314-2,EN310	
Testing d	ate	September 25, 20 October 12, 2		Standard	EN322, EN717-2,EN 323	
Tes	ting i	tem	Unit	Standard used	Tested value	
	Mea	n shear strength(f _V)	N/mm ²	EN 214	1.04	
Bonding quality	The	standard deviation		EN 314 (pretreatments by	0.09	
(glueline		n apparent cohesive	%	EN314-1 5.1.4)	77	
	Mea	n shear strength(f _V)	N/mm ²	EN 314 (pretreatments by EN314-1 5.1.4)	1.08	
Bonding quality	The	standard deviation	-		0.19	
(glueline 2)		n apparent cohesive	%		41	
	Mea	n shear strength(f _V)	N/mm ²	EN 314	1.02	
Bonding quality	The	standard deviation		(pretreatments by	. 10	
(glueline 3) Bonding quality (glueline 4)		un apparent cohesive	%	EN314-1 5.1.4)	55	
	Mea	an shear strength(f _V)	N/mm ²	EN 314 (pretreatments by	1.05	
	The	e standard deviation	_	EN314-1 5.1.4)	0.10	
		an apparent cohesive	%		53	

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OF STATE FORESTRY ADMINISTRATION (NANJING)

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No.17-1081

4 PAGES No.4

Inspected	unit	XUZHOU H	IUAYU WC	OOD INDUSTRY	CO., LTD.	
Product name		Plywood		Sampling method	Sending	
Product	size	Thickness: 14mm		Standard	EN314-1,EN3	14-2,EN310
Testing o	late	September 25, 2017 TO October 12, 2017		Standard	EN322, EN71	7-2,EN 323
Te	sting i	tem	Unit	Standard used	sed Tested value	
		Longitudinal	N/mm²		Panel average	50. 2
Bending		grain	IN/IIIII	EN 310	Standard deviation	8. 1
strength	1,	Cross grain	N/mm²	EIV 510	Panel average	43. 2
				THE WAY	Standard deviation	4.0
Moisture content		%	EN322	Averag	ge: 7.3	
Density		kg/m³	EN323	Average	e: 548	
	L	ongitudinal	N/mm ²	EN 310	Panel average	5915
Modulus of		grain			Standard deviation	335. 0
elasticity in bending		Cross grain		DIV 310	Panel average	4108
			17/11111		Standard deviation	213. 7
Formaldehyde release		ease	mg/m²h	EN717-2	Average	: 0.88
remarks	Densi Bendi grain Bondi Modu	ty(specimen dimen ng strength(specin fibers and 6 with C ng quality(specime	sion:50mm×50r nen dimension: ross grain fibers n dimension: 10 bending(specir	00mm×25mm×14mm; 10 men dimension: 330mm;	; number: 6 with	eline)



TEST REPORT

CheckCode: 211822 Report No. : C201711139686-44E

Applicant:

Xuzhou Huayu Wood Co., Ltd.

Address:

San Bao Zhen Sheng Yang Industrial Park, Tongshan County, Xuzhou City,

Jiangsu Province

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Name:

Plywood

Material No.:

Product Series: Supplier Code: Manufacturer:

Date of Receipt:

Apr.8, 2018

Test period:

Apr.8, 2018 - Apr.19, 2018

Test Request:

Please refer to following page(s).

Test Result:

Please refer to following page(s).

Conclusion:

Please refer to following page(s).

1º2ROV

Edited by 200 Tang Reviewed by Lamk. wang Approved by Yoland Yan

Seal of:
GUANGZHOU GRG METROLOGY & TEST

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Page 1 of 3



TEST REPORT

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No. Test Item		Client and Regulation Requirements	Conclusion
T(e)		Limite O OF anna	Comply
6	Formaldehyde	Limit< 0.05ppm	Compiy

Sample description:

1. Light brown plywood with black coating

Test Result(s):

Formaldehyde

Test Method: With reference to ASTM D 5582-2014, analysis with UV-Vis spectrophotometer.

	Result	Unit	MDL
Test Item	1	Oint	MD
Formaldehyde (HCHO)	N.D.	μg/mL	0.01

Remark: 1) μg/mL = ppm

2) "N.D." = Not Detected (Below Method Detection Limit)

3) MDL = method detection limit





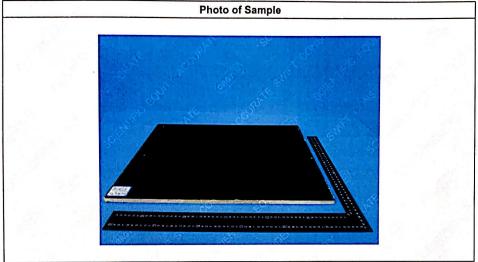
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-End of Report-----

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