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中国认可
国际互认
检测
TESTING
CNAS L1333

2026W0040



检验报告

Product Aldehyde-free Particleboard
(ribo bamboo based pariticleboard)

Client Wanhua Hexiang Group Co., Ltd.

**Test
Classification** Commissioned test

中国林业科学研究院木材工业研究所
Research Institute of Wood Industry, Chinese Academy of Forestry

国家人造板与木竹制品质量检验检测中心
National Center of Inspection and Testing for Wood-based Panels and Wood-Bamboo Products

中国林业科学研究院人造板及木材检验实验室
Inspection laboratory for Wood-based Panels and Timber, Chinese Academy of Forestry




Research Institute of Wood Industry, Chinese Academy of Forestry
National Center of Inspection and Testing for Wood-based Panels and Wood-Bamboo Products
Inspection laboratory for Wood-based Panels and Timber, Chinese Academy of Forestry

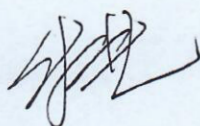
Test report

No. 2026W0040

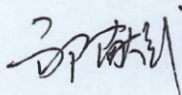
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Client	Wanhua Hexiang Group Co., Ltd.		
Manufacturer	Wanhua Hexiang Group Co., Ltd.		
Product	Aldehyde-free Particleboard (ribo bamboo based particleboard)	Brand	HE XIANG
Specification	2440mm×1220mm×18mm	Test Classification	Commissioned test
Grade	E _F	Person of sample-sending	Wu zhiqiang
Series of product	P-HLB HMR	Arrival Date of sample	Dec. 24, 2025
Quantity of sample	600mm×600mm×18mm 5 pieces	Date of production	Nov. 14, 2025
Composition	—		
Test Date	Dec. 24, 2025 ~ Jan. 16, 2026		
Inspection criteria and Test items	GB/T 4897-2015: density deviation, moisture content, modulus of rupture, modulus of elasticity, internal bond strength, surface bond strength, 24h thickness swelling, humidity resistance(modulus of rupture after dipping treatment in 70℃ water), screw holding capability GB/T 39600-2021: formaldehyde emission GB/T 35601-2024: TVOC(7d)		
Test conclusion	The results are shown in the 2 nd page. <div style="text-align: right;">  <p>Inspection Organization subscribing date: Jan. 20, 2026</p> </div>		
Note	1. The manufacturer, brand and composition are supplied by commission unit. 2. Only responsibility for supplied specimen.		

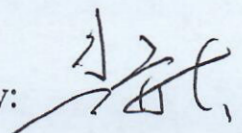
Authorized by:



Audited by:



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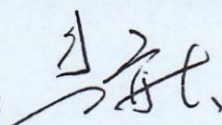
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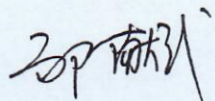
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Client	Wanhua Hexiang Group Co., Ltd.			
Manufacturer	Wanhua Hexiang Group Co., Ltd.			
Test items	Unit	Specification	Test results	Judgment
density deviation	%	± 10	+4.4, -5.9	Conformity
moisture content	%	3~13	6.0	Conformity
modulus of rupture	MPa	μ_L : 20	23.0	Conformity
modulus of elasticity	MPa	μ_L : 3100	3490	Conformity
internal bond strength	MPa	μ_L : 0.70	0.75	Conformity
surface bond strength	MPa	—	$X_{5\%}$: 1.24	—
24h thickness swelling	%	μ_u : 8.0	4.6	Conformity
humidity resistance(modulus of rupture after dipping treatment in 70°C water)	MPa	μ_L : 12.0	13.1	Conformity
screw holding capability	N	vertical ≥ 900 parallel ≥ 600	vertical: 1610 parallel: 1200	Conformity
formaldehyde emission	mg/m ³	$E_{NF} \leq 0.025$	Not detected (Detection limit: 0.005)	Conformity
TVOC(7d)	μg/m ³	≤ 100	78	Conformity
Note	Information provided by the client: superior grade. GB/T 35601-2024 is not recognized by CNAS, the test methods of TVOC are within the scope of authorization by CNAS. Specification of TVOC is from evaluation indicators for green benchmark products.			

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