


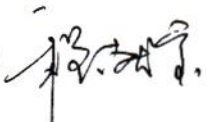
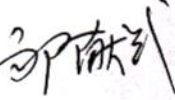
Test report

No. 2025W0453

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Client	Wanhua Hexiang Group Co., Ltd.		
Manufacturer	Wanhua Hexiang Board (Linyi) Co., Ltd.		
Product	Particleboard	Brand	Hexiang
Specification	2440mm×1220mm×18mm	Test Classification	Commissioned test
Grade	E _{NF} level	Person of sample-sending	Liang mingsheng
Series of product	P-FN REG	Arrival Date of sample	Mar. 05, 2025
Quantity of sample	600mm×600mm×18mm 5 pieces	Date of production	Mar. 01, 2025
Composition	Adhesive::MDI		
Test Date	Mar. 05, 2025 ~ Mar. 28, 2025		
Inspection criteria and Test items	GB/T 4897-2015: density, density deviation, moisture content, modulus of rupture, modulus of elasticity, surface bond strength, 2h thickness swelling, screw holding capability GB/T 39600-2021: formaldehyde emission HJ 571-2010: TVOC		
Test conclusion	The results are shown in the 2nd page. <div style="text-align: right; margin-top: 20px;">  <p>Inspection Organization: subscribing date: Mar. 31, 2025 10810123487</p> </div>		
Note	1. The manufacturer, brand and composition are supplied by commission unit. 2. Only responsibility for supplied specimen.		



Authorized by:  Audited by:  Compiled by: 

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

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Client	Wanhua Hexiang Group Co., Ltd.			
Manufacturer	Wanhua Hexiang Board (Linyi) Co., Ltd.			
Test items	Unit	Specification	Test results	Judgment
density	g/cm ³	—	0.64	—
density deviation	%	±10	+1.6, 0	Conformity
moisture content	%	3~13	5.8	Conformity
modulus of rupture	MPa	μ _L : 11.0	11.8	Conformity
modulus of elasticity	MPa	μ _L : 1600	2000	Conformity
surface bond strength	MPa	μ _L : 0.8	1.04	Conformity
2h thickness swelling	%	μ ₀ : 8.0	1.3	Conformity
screw holding capability	N	vertical ≥ 900 parallel ≥ 600	vertical: 1120 parallel: 780	Conformity
formaldehyde emission	mg/m ³	E ₁ ≤ 0.025	Not detected (detection limit: 0.005)	Conformity
TVOC	mg/(m ² ·h)	≤ 0.50	Not detected (detection limit: 0.01)	Conformity
Note	Information provided by the client: superior grade.			



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