



中国认可
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检测
TESTING
CNAS L13178

检 验 报 告

TEST REPORT

报告号 Report No.GPC-CE2025-ZB004

样品名称 定向刨花板 OSB

Product

委托单位 北京绿奥诺技术服务有限公司

Applicant Green Panel Corporation

生产单位 寿光市鲁丽木业股份有限公司

Manufacturer Shouguang Luli Wood Inc.

检验类别 委托检验

Type of Test Commission

中北国检(北京)检测科技有限公司
Zhongbei Intl Testing Technology Co., Ltd.



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中北国检（北京）检测科技有限公司

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编号 No.: GPC-CE2025-ZB004

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产品名称 Sample Description	定向刨花板 OSB		
委托单位 Applicant	北京绿奥诺技术服务有限公司/Green Panel Corporation		
生产单位 Manufacturer	寿光市鲁丽木业股份有限公司/Shouguang Luli Wood Inc.		
生产单位地址 Address of the Manufacturer	山东省寿光市侯镇黄海路东长江西街北 North of the Yangtze river west Street, East of Huanghai Road, Houzhen Town, Shouguang City, Shandong Province Post code 262724 China		
产品型号规格 Product Type	2440×1220×18 (mm)	抽样日期 Sampling Date	2025-03-05
商标 Brand	/	生产批号 Production Lot Number	20250225
样品数量 Samples Quantity	600×600 (mm) 6 片	生产日期 Manufacturer Date	2025-02-25
委托单号 Entrustment No.	GPC-CE2025-ZB004	样品等级 Sample Grade	/
送样人 Delivering Person	国卫东/Guo Wei Dong	样品接收日期 Sampling Reception Date	2025-03-11
抽样人 Sampler	易文龙/Yi Wen Long	产品类型 Product Category	OSB/2 & OSB/3
检验日期 Test Date	2025-03-12~2025-03-20		
依据标准 Test Standards	①EN 322:1993《人造板含水率检测》Wood-based panel-Determination of Moisture content; ②EN 323:1993《人造板密度测试》Wood-based panels—Determination Of density; ③EN310:1993《人造板静曲强度和弹性模量的测定》Wood-Based Panels - Determination of Modulus of Elasticity in Bending and of Bending Strength; ④EN319:1993《刨花板和纤维板.内结合强度的测定》Particleboards and Fibreboards-Determination of Tensile Strength ; ⑤EN317:1993《刨花板和纤维板.吸水厚度膨胀测定》Particleboards and fibreboards; determination of swelling in thickness after immersion in water ; ⑥EN ISO 12460-3:2023《人造板甲醛释放量测定—气体分析法》Wood-based panels - Determination of formaldehyde release-Part 3: Gas analysis method; ⑦EN1087-1:1995《刨花板防潮性测定 第1部分:煮沸试验》Particleboards — Determination of moisture resistance — Part 1: Boil test.		
检验项目 Test Items	含水率 Moisture Content; 密度 Density; 内结合强度 Internal Bond; 静曲强度 Bending Strength; 弹性模量 Modulus of Elasticity in Bending; 24h 吸水厚度膨胀率 Swelling in thickness 24h immersion; 煮沸试验后内结合强度 Internal bond after boil test; 甲醛释放量 Formaldehyde Release		
检验结果 Test Results	检验结果详见附页。Please see attached pages for test results. 检验检测专用章(Test stamp) 签发日期 Date of issue: 2025-03-21		
备注 Remarks	1. 样品信息及生产单位信息由委托单位提供 The sample and production information are provided by the applicant. 2.到样委托检验检测数据仅对来样负责。Entrusted inspection data of incoming samples are only responsible for incoming samples.3.除全文复制外, 未经本实验室批准不得部分复制检验检测报告。Except for full copy, partial copy of test report shall not be allowed without the approval of the laboratory. 4.委托单位电话 Applicant (Tel): 010-64200118		

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样品名称 Product Name		定向刨花板 OSB			
No.	检验项目 Test Items		标准方法 Test Standards	测试结果 Test Results	
1	静曲强度 Bending Strength	板长方向 Major Axis	EN310:1993	平均值 Average	54.4 N/mm ²
				低 5%正态分布分位值 Lower 5 %-quantile of a normally distributed panel	50.5 N/mm ²
		板宽方向 Minor Axis		平均值 Average	27.5 N/mm ²
				低 5%正态分布分位值 Lower 5 %-quantile of a normally distributed panel	24.7 N/mm ²
2	弹性模量 Modulus of Elasticity in Bending	板长方向 Major Axis	EN310:1993	平均值 Average	7790 N/mm ²
				低 5%正态分布分位值 Lower 5 %-quantile of a normally distributed panel	7270 N/mm ²
		板宽方向 Minor Axis		平均值 Average	3440 N/mm ²
				低 5%正态分布分位值 Lower 5 %-quantile of a normally distributed panel	3220 N/mm ²
3	含水率 Moisture Content		EN 322:1993	平均值 Average	6.3 %
4	密度 Density		EN 323:1993	平均值 Average	665 kg/m ³
				板内平均密度的公差 Tolerance on the mean density within a board	+2.1 % -2.3 %
5	内结合强度 Internal Bond		EN319:1993	平均值 Average	1.21 N/mm ²
				低 5%正态分布分位值 Lower 5 %-quantile of a normally distributed panel	1.10 N/mm ²
6	24 小时吸水厚度膨胀率 Swelling in Thickness- 24h Immersion		EN317:1993	平均值 Average	3.6 %
				高 5%正态分布分位值 Upper 5 %-quantile of a normally distributed panel	3.8 %
7	煮沸试验后内结合强度 Internal Bond after Boiling Test		EN1087-1:1995	平均值 Average	0.49 N/mm ²
				低 5%正态分布分位值 Lower 5 %-quantile of a normally distributed panel	0.45 N/mm ²
8	甲醛释放量 Formaldehyde Release		EN ISO 12460-3:2023	平均值 Average	0.05 mg/m ² h

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备注 Remarks	1.试件 Details of the specimen: ①含水率试件 Moisture content:specimen dimension: 50×50×18(mm) ; 4 pieces ②密度试件 Density:specimen dimension: 50×50×18(mm) ; 6 pieces ③静曲强度试件 Bending strength:Specimen dimension:410×50×18(mm);12 pieces:6 with Longitudinal grain fibers and 6 with Cross grain fibers ④弹性模量试件 Modulus of elasticity in bending: Specimen dimension:410×50×18(mm):12 pieces: 6with Longitudinal grain fibers and 6 with Cross grain fibers ⑤内结合强度 Internal Bond:specimen dimension:50×50×18(mm);8 pieces ⑥24 小时吸水厚度膨胀率 Swelling in thickness-24h immersion:specimen dimension:50×50×18(mm) ; 8 pieces ⑦甲醛释放量试件 Formaldehyde release:specimen dimension:50×400×18(mm); 2 pieces ⑧煮沸试验后内结合强度 Internal Bond after Boil Test:Specimen dimension:50×50×18(mm);8 pieces 2.其他说明 Other Statement ①封样方式 Sealed sample method:塑料薄膜 Plastic film ②胶粘剂类型 Adhesive type: MDI ③产品级别 Product level: OSB/2、OSB/3 ④甲醛释放量定量检出限 能被定量测定的最低浓度为 0.05 mg/m²h. The lowest concentration that can be quantitatively determined is 0.05 mg/m²h.

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