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中国认可
国际互认
检测
TESTING
CNAS L1401

检 验 报 告

Test Report

Sample name: Porcelain glazed tiles
Type/Model: 2400mm×1200mm×12mm
Client: NEWPEARL Group Co., Ltd.
Manufacturer: Newpearl (Guangdong) New Materials Co., Ltd.
Test type: Type Test
Date of issue: 2026-03-11

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Foshan Supervision Testing Center of Quality and Metrology

国家陶瓷及水暖卫浴产品质量检验检测中心

National Center of Inspection and Testing for Ceramic Sanitary and Plumbing Fixture

(检验专用章)



扫码辨真伪

Foshan Supervision Testing Center of Quality and Metrology

National Center of Inspection and Testing for Ceramic Sanitary and Plumbing Fixture

Test Report

Page 2 of 5

Sample name, Model, Specification, Trademark, Grade	Porcelain glazed tiles 2400mm×1200mm×12mm Guanzhu/Premium Grade	Production Date, Production Batch	____/____
		Sample (sampling) Number	____
		Sample List Number	____
Task Source	____	Test Category	Type Test
Sample Supplier	NEWPEARL Group Co., Ltd.	Sampler	Wu Zhaohui Chen Ruibin
		Sample Cardinal Number	1100 CTNS
Sample Supplier Address	Nanzhuang town, Chancheng district, Foshan city	Sample Quantity	12 PCS
Manufacturer	Newpearl (Guangdong) New Materials Co., Ltd.	Sampling Date	2026-01-06
Manufacturer Address	BAITU NO. 1&2 VILLAGE, LUBU TOWN, GAOYAO CITY, GUANGDONG	Sample Received Date	2026-01-06
Sampling Execution Department	Foshan Supervision Testing Centre of Quality and Metrology	Spare Sample Quantity	6 PCS
Sampling Site	Warehouse	Test Quantity	6 PCS
Sample Character and State	Normal (Glazed)	Test Date	2026-01-07 ~ 2026-03-11
Inspection Standards	ISO 13006:2018 Ceramic tiles—Definitions, classification, characteristics and marking (Annex G Dry-pressed ceramic tiles with low water absorption $E_v \leq 0.5\%$ Group BIa)		
Judgement Basis	ISO 13006:2018 Ceramic tiles—Definitions, classification, characteristics and marking (Annex G Dry-pressed ceramic tiles with low water absorption $E_v \leq 0.5\%$ Group BIa)		
Conclusion	Except the test items No.12~No.20 are not verdict, the test results comply with the requirement of the standard ISO 13006:2018 Annex G, the test is passed.		
Note			

Approved by: 吴伟

Checked by: 段蓝峰

Tested by: 霍志恒

Lab Add: No.2, Keji West Road, Shishan, Nanhai District, Foshan, Guangdong, China



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Foshan Supervision Testing Center of Quality and Metrology

National Center of Inspection and Testing for Ceramic Sanitary and Plumbing Fixture

Test Report

Page 3 of 5

No.	Test Items	Unit	Technical Requirements			Test Results	Verdict
1	Size and difference (rectified)	%	Length	The deviation, of the average size for each tile from the work size	±0.3	-0.02~-0.01	Pass
		mm			±1.0	-0.4~-0.2	
		%	Width	The deviation, of the average size for each tile from the work size	±0.3	-0.02~-0.01	
		mm			±1.0	-0.2~-0.1	
		%	Thickness	The deviation, of the average thickness of each tile from the work size thickness	±5	+1.7~+2.5	
		mm			±0.5	+0.2~+0.3	
2	Straightness of sides (rectified)	%	±0.3			-0.02~+0.02	Pass
		mm	±0.8			-0.18~+0.22	
3	Rectangularity (rectified)	%	±0.3			-0.02~+0.02	Pass
		mm	±1.5			-0.23~+0.26	
4	Surface quality	----	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.			Conformed	Pass
5	Water absorption	%	Average maximum 0.5 Individual maximum 0.6			0.04 0.03~0.05	Pass
6	Breaking strength	N	When the thickness≥7.5mm, the mean value shall not be less than 1300			4838	Pass
7	Modulus of rupture	MPa	Average minimum 35 Individual minimum 32			50 49~51	Pass
8	Crazing resistance	----	No crazing or peeling on the glazed surface after the crazing test.			Conformed	Pass
9	Frost resistance	----	No crack or peeling after the frost test			Conformed	Pass
10	Resistance to staining	----	Mininum class 3			Class 5	Pass
11	Resistance to household chemicals & swimming pool salts	----	Minimum B			Class A	Pass

Foshan Supervision Testing Center of Quality and Metrology

National Center of Inspection and Testing for Ceramic Sanitary and Plumbing Fixture

Test Report

Page 4 of 5

No.	Test Items	Unit	Technical Requirements	Test Results		Verdict
12	Resistance to thermal shock	-----	Report the test result after test	No crack		-----
13	Resistance to low concentrations of acids and alkalis	-----	Manufacturer to state classification	Class LA		-----
14	Resistance to high concentrations of acids and alkalis	-----	Manufacturer to state classification	Class HA		-----
15	Surface abrasion	-----	Report abrasion class and cycles passed	6000 cycles	Class 4	-----
16	Coefficient of linear thermal expansion	℃ ⁻¹	Report the coefficient of linear thermal expansion	5.9×10 ⁻⁶		-----
17	Moisture expansion	%	Report the test result after test	<0.01		-----
18	Impact resistance	-----	Report the average resiliency coefficient	0.83		-----
19	Lead release	mg/dm ²	Report the release	<0.02		-----
		mg/L		<0.5		
20	Cadmium release	mg/dm ²	Report the release	<0.002		-----
		mg/L		<0.05		

(The end)

Declaration

1. Report without signature of inspector, verifier and approver or “official testing stamp” is invalid.
2. Report is invalid in case it is scribbled or altered, incomplete pages, without across-page stamp. Report can not be partial copied without written approval of the institute.
3. Commission test report applies only for the samples received. Test results can not be improperly propagated without written approval.
4. In case of any disagreement, applicant shall make a request in written form within 15 days on receiving the report; otherwise test result is taken as no objection.
5. The cover and declaration page are integral parts of the test report.
6. Data and result of test report without CMA mark are only used for scientific research, teaching or internal quality control.
7. Authenticity of the test report issued by the institution can be verified by scanning the QR code on the homepage of the report, or log on official website www.fszjzx.com. For customer service, please contact 0757-88713193.

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