



No.: G10-WT87130E



检 验 报 告

Test Report

佛山市质量计量监督检测中心
Foshan Supervision Testing Centre of Quality and Metrology





佛山市质计中心




No.: G10-WT87130E

Inspection Report

Form No.: QR-049-01A

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Product Name, Dimension Trademark/Grade	POLISHED TILE 600mm×600mm Changying Brand/Premium Grade	Date of Production	---
		Batch No.	---
		Voucher No.	---
Entrusting Department	Changying Enterprise Co.,Ltd	Test Classification	Entrusted Test
Entrusting Department Address	No. 23-26, Building A17, International Ceramic Sanitary Ware City, Chancheng District, FoshanCity, Guangdong Province, China	Sample Quantity	30 PCS
Manufacturer (Supplied by the applicant)	---	Receival Date	2022-10-6
Manufacturer Address (Supplied by the applicant)	---	Sample Receiver	Song Chunyan
Sample's State and Characteristic	Normal.		
Test Basis	ISO 14001: 2015 (Annex G) 《Ceramic Tiles Annex G Dry-pressed ceramic tiles with low water absorption $E \leq 0.5\%$ Group BIa》		
Test Result	<p>The tested items comply with the requirement of the standard ISO 14001:2015Annex G, and the test is passed.</p>  <p>NOTE: Any duplicated copy will be invalid without a red stamp specially for inspection restamped..</p>		
Remarks	The test report is only responsible for the sample.		

Approved by: 梁以俊

Checked by: 吴海俊

Tested by: 吴海俊



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No.	Test Items	Test Method	Unit	Technical Requirements	Test Results	Decision		
1	Dimensions and surface quality							
	Length and width	ISO 10545-2	%	The deviation, of the average size for each tile from the work size	± 0.6	+0.02~+0.05	Pass	
				The deviation, of the average size for each tile from the average size of the 10 test specimens	± 0.5	-0.02~+0.02		
	Thickness	ISO 10545-2	mm	—		9.4~9.7	—	
	Straightness of sides	ISO 10545-2	%	± 0.5		-0.07~+0.08	Pass	
	Rectangularity	ISO 10545-2	%	± 0.6		-0.08~+0.07	Pass	
	Surface flatness	ISO 10545-2	%	Center curvature	± 0.5		-0.06~+0.06	Pass
				Warpage	± 0.5		-0.07~+0.05	
Edge curvature				± 0.5		-0.06~+0.07		
Surface quality	ISO 10545-2	—	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		

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No.	Test Items	Test Method	Unit	Technical Requirements	Test Results	Decision
2	Physical properties					
	Water absorption	ISO 10545-3	%	Average maximum 0.5 Individual maximum 0.6	0.08 0.05~0.10	Pass
	Breaking strength	ISO 10545-4	N	When the thickness \geq 7.5mm, the mean value shall not be less than 1300	2215.5	Pass
	Modulus of rupture	ISO 10545-4	MPa	Average minimum 35 Individual minimum 32	50.5 48.7~52.6	Pass
	Impact resistance	ISO 10545-5	—	Test method available	0.83	—
	Resistance to deep abrasion of unglazed tiles :Removed volume, in cubic millimetres	ISO 10545-6	mm ³	Maximum 175	108	Pass
	Resistance to surface abrasion of glazed tiles intended for use on floors	ISO 10545-7	—	Report abrasion class and cycles passed	NOT APPLICABLE	—
	Coefficient of linear thermal expansion	ISO 10545-8	°C ⁻¹	Test method available	7.2×10^{-6}	—
	Resistance to thermal shock	ISO 10545-9	—	Test method available	No crack	—
	Moisture expansion	ISO 10545-10	%	Test method available	<0.01	—
	Crazing resistance	ISO 10545-11	—	Required	NOT APPLICABLE	—
	Frost resistance	ISO 10545-12	—	Required	No crack	—
	Small colour differences	ISO 10545-16	—	Test method available	NOT APPLICABLE	—
	Coefficient of friction	GB/T 4100-2006 Annex M	—	Manufacturer to state value and test method available	Dry	0.66
Wet					0.46	

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No.	Test Items	Test Method	Unit	Technical Requirements	Test Results	Decision
Chemical properties						
3	Resistance to low concentrations of acids and alkalis	ISO 10545-13	—	Manufacturer to state classification	Class ULA	—
	Resistance to high concentrations of acids and alkalis	ISO 10545-13	—	Test method available	NOT APPLICABLE	—
	Resistance to household chemicals and swimming pool salts	ISO 10545-13	—	Minimum UB	Class UA	Pass
	Resistance to staining	ISO 10545-14	—	Test method available	Class 3	—
	Lead release	ISO 10545-15	mg/dm ² mg/L	Test method available	NOT APPLICABLE	—
	Cadmium release	ISO 10545-15	mg/dm ² mg/L	Test method available	NOT APPLICABLE	—

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