检 验 报 告
TEST REPORT

样品名称 Name of sample	内墙砖 Ceramic Wall Tile	检测类别 Type of test	委托检验 Entrusted test
委托单位 Applicant	安阳贝利泰陶瓷有限公司 BELITE CERAMICS (ANYANG) CO.,LTD		
送样日期 Delivery date	June 18th, 2020	样品状态 Sample status	样品完整 Complete sample
报告编号 Report No.	202006104102-1/1	样品编号 Sample No.	202006104102
规格 Size	600×300×10.0mm	样品数量 Quantity	8片 8 pcs
检验依据 Test standard	GB/T4100-2015 , GB/T3810-2016		
检测项目 Test items	陶瓷砖性能检测（详见第2至第5页） Definitions, classification, characteristics and marking for tiles		
检测结论 Conclusion of tests	经检验，送检样品送检项目符合GB/T4100-2015 技术指标要求 The results confirm to meet the requirements of GB/T4100-2015 with respects to the test items and submission items		
备注 Remarks	此处空白		

审批：
Authorised Signatory

单位盖章：
Company Stamp

Add: No.42 Ceramics Exposition Road, Nanzhuang Town, Chancheng District, Foshan City, Guangdong, China
Remarks: This report is invalid without signatures of the approver or without original special stamp of the test body, or if something has been altered. The results relate only to the samples tested unless otherwise stated. This report cannot be reproduced except in full, without the written approval of our laboratory. Any disagreement against the report should be offered to Huaxia Ceram within 15 days after the date of receiving the report. E-mail: huaxiatesting@163.com

序号 No.	检验项目 Test items		标准要求 Standard request	检验结果 Test results	单项结论 Conclusion
1	尺寸 Dimensions	边长偏差 Length	±0.5%	0.0%~0.0%	符合 PASS
			最大值±2.0mm Maximum value	-0.1mm~0.0mm	
		宽度偏差 Width	±0.5%	0.0%~0.0%	
			最大值±2.0mm Maximum value	-0.1mm~0.0mm	
		厚度偏差 Thickness	±10%	1.8%~3.2%	
			最大值±0.5mm Maximum value	0.2mm~0.3mm	
2	边直度 Straightness of sides		±0.3%	-0.1%~0.1%	符合 PASS
			最大值±1.5mm Maximum value	-0.35mm~0.29mm	
3	直角度 Rectangularity		±0.5%	-0.1%~0.1%	符合 PASS
			最大值±2.0mm Maximum value	-0.26mm~0.34mm	
4	边弯曲度度 Edge Curvature		±0.5%	-0.1%~0.1%	符合 PASS
			最大值±2.0mm Maximum value	-0.35mm~0.36mm	
5	中心弯曲度 Centre Curvature		±0.5%	-0.1%~0.1%	符合 PASS
			最大值±2.0mm Maximum value	-0.34mm~0.39mm	
6	翘角度 Warpage		±0.5%	-0.1%~0.1%	符合 PASS
			最大值±2.0mm Maximum value	-0.30mm~0.23mm	
7	表面质量 Surface Quality		至少砖的 95%的主要区域无明显缺陷 No obvious deffects in no less than 95% of the main area	无明显的缺陷 No obvious deffects	符合 PASS
8	吸水率 Water absorption	平均值 Average	＞10%	16.44%	符合 PASS
		单个值 Individual	＞9%	16.23%	

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9	破坏强度 Breaking strength	≥600N	1368.0N	符合 PASS
	断裂模数 Modulus of rupture	平均值≥15N/mm² Average value	24.9 N/mm²	符合 PASS
		单个值≥12N/mm² Individual value	24.1-25.7N/mm²	
10	线性热膨胀 Linear thermal expansion	--	6.5×10-6℃-1	--
11	抗热震性 Thermal shock	循环 10 次，无裂纹或剥落 No cracking or spalling after 10 cycles	无裂纹或剥落 No cracking or spalling	符合 PASS
12	湿膨胀 Moisture expansion	--	0.001%	--
13	抗冻性 Frost resistance	循环 100 次，无釉裂或剥落 No crazing or spalling after 100 cycles	无釉裂或剥落 No crazing or spalling	符合 PASS
14	耐污染性 Stain resistance	最低 3 级 At lease class 3	铬绿 Green/Red paste in light oil(paste)	5 级 Class 5	符合 PASS
			2. 13g/L 的碘酒 Iodine in alcohol, 13g/L (chemical/oxidizing)	5 级 Class 5	
			橄榄油 Olive Oil(film)	5 级 Class 5	

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15	耐化学腐蚀 Chemical resistance				
	家庭用化学药品 Household chemicals	1. 氯化铵 100g/L Ammonium Chloride solution 100g/l	不低于 GB Not less than GB	GA	符合 PASS
	游泳池盐类 Swimming pool salts	2. 次氯酸钠 20mg/L Sodium Hypochlorite solution 20mg/l	不低于 GB Not less than GB	GA	符合 PASS
	酸和碱低浓度（L） Low concentration of acid and alkalis	3. 盐酸 3%(V/V) Hydrochloric Acid solution 3% v/v	报告检测结果 Result	GLA	--
		4. 柠檬酸 100g/L Citric Acid solution 100g/l	报告检测结果 Result	GLA	--
		5. 氢氧化钾 30g/L Potassium Hydroxide solution 30g/l	报告检测结果 Result	GLA	--
	酸和碱高浓度（H） High concentration of acid and alkalis	6. 盐酸 18%(V/V) Hydrochloric Acid solution 18% v/v	报告检测结果 Result	GHA	--
		7. 乳酸 5%（V/V） Lactic Acid solution 5% v/v	报告检测结果 Result	GHA	--

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16	表面耐磨 Surface abrasion resistance	报告耐磨转数 Abrasion revs	1500	---
		报告耐磨级数 Abrasion class	3 级 Class 3	
17	铅镉溶出 Metal release	--	Pb：＜0.001mg/dm² Cd：＜0.001mg/dm²	---
18	抗釉裂性 Crazing resistance	经试验应无裂纹或剥落 No cracking or spalling	无裂纹或剥落 No cracking or spalling	符合 PASS

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End of report

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