



TECHNICAL DATA SHEET OF SIZE 300x600mm, 600x600 mm - Group BIIa - White Body

June 21,2023

No	Items	ISO 13006:2018	Royal 300x600 BIIa Matte	Royal 600x600 BIIb matte	Method
1	Size	±0.5%	± 0.2mm	± 0.2mm	ISO 10545-2
2	Thickness	±5%	±5%	±5%	ISO 10545-2
3	Straightness of sides	±0.5%	±0.2%	±0.2%	ISO 10545-2
4	Rectangularity of Sides	±0.5%	±0.2%	±0.2%	ISO 10545-2
5	Sides curvature	±0.5%	300: ±0.25% 600: ±0.2%	±0.2%	ISO 10545-2
6	Center curvature	±0.5%	±0.2%	±0.2%	ISO 10545-2
7	Water absorption rate	$3 < X \leq 6\%$	$3 < X \leq 6\%$	$3 < X \leq 6\%$	ISO 10545-3
8	Breaking strength	≥1000N	≥1000N	≥1000N	ISO 10545-4
9	Modulus of rupture	≥22 Mpa	≥22 Mpa	≥22 Mpa	ISO 10545-4
10	Abrasion resistance	-	Class II, III	Class II, III	ISO 15045-7
11	Thermal shock resistance	Ten cycles	Ten cycles	Ten cycles	ISO 15045-9
12	Stain resistance	Min class 3	Min class 3	Min class 3	ISO 10545-14
13	Crazing resistance	Pass	Pass	Pass	ISO 10545-11
14	Chemical resistance	Min Class B	Class A	Class A	ISO 15045-13
15	Morh Hardness	-	5, 6	5, 6	EN 101
16	DCOF	-			A 137.1

VICE PRESIDENT

VICE PRODUCTIVITY & QUALITY CENTER DIRECTOR

LUU THU HOA