

TECHNICAL SPECIFICATIONS

No	ITEMS	ISO 13006:2018	ROYAL STANDARD	METHOD
1	Size	±0.5%	±0.3 mm	ISO 10545-2
2	Thickness	±5%	±5%	ISO 10545-2
3	Straightness of sides	±0.5%	±0.2%	ISO 10545-2
4	Rectangularity of Sides	±0.5%	±0.2%	ISO 10545-2
5	Sides curvature	±0.5%	±0.2%	ISO 10545-2
6	Center curvature	±0.5%	±0.2%	ISO 10545-2
7	Water absorption rate	≤0.5%	≤0.5%	ISO 10545-3
8	Breaking strength	≥1300N	≥1700N	ISO 10545-4
9	Abrasion resistance	-	Class II	ISO 15045-7
10	Modulus of rupture	≥ 35 N/mm ²	≥ 35 N/mm ²	ISO 10545-4
11	Glossiness	-	94° - 100°	ASTM D523
12	Thermal shock resistance	Ten cycles	Ten cycles	ISO 15045-9
13	Stain resistance	Min class 3	Class 5	ISO 10545-14
14	Crazing resistance	Pass	Pass	ISO 10545-11
15	Chemical resistance	Min Class B	Class A	ISO 15045-13
16	Resistance to freeze	Pass	Pass	ISO 15045-12
17	DCOF	Min 0.42	Dry 0.42	A 137.1