

# TECHNICAL SPECIFICATIONS

STT	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	Modulus of rupture	≥35 N/mm <sup>2</sup>	≥35 N/mm <sup>2</sup>	ISO 15045-4
10	Abrasion resistance	-	Class II	ISO 15045-7
11	Thermal shock resistance	10 cycles	10 cycles	ISO 15045-9
12	Stain resistance	Min class 3	Class 5	ISO 10545-14
13	Crazing resistance	Pass	Pass	ISO 10545-11
14	Chemical resistance	Min Class B	Class A	ISO 15045-13
15	Resistance to freeze	Pass	Pass	ISO 15045-12
16	DCOF	Min 0.42	Dry 0.42	A 137.1
17	Glossy	-	92°- 98°	ASTM D523