

TECHNICAL DATA SHEET - ISO 10545 AVERAGE VALUES

ISO 13006 GROUP B1b

WATER ABSORPTION 0.5% TO 3%

ISO10545 TESTING STANDARD	TECHNICAL CHARACTERISTIC	REQUIREMENT
02	Length and width	0,6%
02	Thickness	± 5%
02	Rectilinearity	0,5%
02	Rectangularity	0,6%
02	Flatness	0,5%
02	Surface quality	95% defect free
03	Water absorption	$0.5\% < E_b \leq 3\%$
	Resistance to bending	
04	- Breaking strength (N) - Thickness $\geq 7,5\text{mm}$	≥ 1100
	- Breaking strength (N) - Thickness $< 7,5\text{mm}$	≥ 700
	- Modulus of rupture (N/mm ²)	≥ 30
05	Resistance to impact	Available
07	Abrasion resistance	Available
08	Linear thermal expansion	Available
09	Resistance to thermal shock	Available
10	Moisture expansion	Available
11	Crazing resistance	Required
12	Frost resistance	Required
	Chemical resistance	Manufacturer declaration
13	- Resistance to low concentrations of acids and alkali	Available
	- Resistance to high concentrations of acids and alkali	Min. GB
	- Resistance to chemical cleaning products	
14	Stain resistance	Min. Class 3
15	Release of Lead and Cadmium	Available

