

**TECHNICAL DATA SHEET - ISO 10545 AVERAGE VALUES**ISO 13006 GROUP Bla (UGL) - PORCELAIN FULLY VITRIFIED  
WATER ABSORPTION LESS THAN 0.5%

IS010545 TESTING STANDARD	TECHNICAL CHARACTERISTIC	REQUIREMENT
02	Length and width	0,6%
02	Thickness	± 5%
02	Rectilinearity	0,5%
02	Rectangularity	0,5%
02	Flatness	0,5%
02	Surface quality	95% defect free
03	Water absorption	≤ 0.5%
	Resistance to bending	
04	Breaking strength (N) - Thickness ≥ 7,5mm	≥1300
	Breaking strength (N) - Thickness < 7,5mm	≥700
	Modulus of rupture (N/mm <sup>2</sup> )	≥35
05	Resistance to impact	Available
07	Resistance to abrasion	Available
08	Linear thermal expansion	Available
09	Resistance to thermal shock	Available
10	Moisture expansion	Available
11	Crazing resistance	Required
12	Frost resistance	Required
	Resistance to chemicals	
13	Resistance to low concentrations of acids and alkali	Manufacturer declaration
	Resistance to high concentrations of acids and alkali	Available
	Resistance to chemical cleaning products	Min. GB
14	Stain resistance	Min Class 3
15	Release of Lead and Cadmium	Available

