

	CHEMICAL / PHYSICAL PROPERTIES	REGULATION	REQUIRED VALUE	AVERAGE VALUES
	water absorption	ISO 10545-3	$\leq 0,5 \%$	0,02% - 0,04% NATURAL, STRUCTURED AND PREPOLISHED SURFACES 0,05% - 0,07% POLISHED SURFACES
	SIZES	ISO 10545-2	$\pm 0,6\%$ max LENGHT AND WIDTH $\pm 5\%$ max THICKNESS $\pm 0,5\%$ max LINEARITY $\pm 0,6\%$ max WEDGING $\pm 0,5\%$ max WARPAGE	$\pm 0,1\%$ * LENGHT AND WIDTH $\pm 5\%$ THICKNESS $\pm 0,1\%$ * LINEARITY $\pm 0,1\%$ * WEDGING $\pm 0,2\%$ WARPAGE
	APPEARANCE	ISO 10545-2	MIN. 95% DEFECT FREE	CONFORMS
	DEEP ABRASION RESISTANCE	ISO 10545-6	max 175 mm <sup>3</sup>	145 mm <sup>3</sup>
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	UBmin	CONFORMS
	STAIN RESISTANCE	ISO 10545-14	TESTING METHOD AVAILABLE	CLASS 5
	MODULS OF RUPTURE (R)	ISO 10545-4	$\geq 35 \text{ N/mm}^2$	48 N/mm <sup>2</sup>
	breaking strenght (S)	ISO 10545-4	THICKNESS a) $\geq 7,5\text{mm} = \geq 1300 \text{ N}$ b) $< 7,5\text{mm} = \geq 700 \text{ N}$	THICKNESS a) 2500 N ** b) CONFORMS
	RESISTANCE TO THERMAL SHOCKS	ISO 10545-9	TESTING METHOD AVAILABLE	RESISTANT
	RESISTANCE TO LIGHT	DIN 51094		UNAFFECTED SURFACE
	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	TESTING METHOD	$6,2 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
	FROST RESISTANCE	ISO 10545-12	REQUESTED 100 FREEZE-THAW CYCLES	RESISTANT
	FRICION COEFFICIENT	BCR DIN 51130/51097	$\mu \geq 0,40$ SATISFACTORY FRICTION	$\mu 0,42-0,75$ NATURAL, STRUCTURED AND PREPOLISHED SURFACES