

Technical Specifications

Water absorption

EN ISO-10545-3	Water absorption	< 0,5 %
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Dimensional characteristics

EN ISO-10545-2	Surface quality	> 95%
EN ISO-10545-2	Curvature flatness	$\pm 0,5 \% / \pm 2,0 \text{ mm}$
EN ISO-10545-2	Thickness	$\pm 5 \% / \pm 0,5 \text{ mm}$
EN ISO-10545-2	Length and Width	$\pm 0,6 \% / \pm 2,0 \text{ mm}$
EN ISO-10545-2	Rectangularity	$\pm 0,5 \% / \pm 2,0 \text{ mm}$
EN ISO-10545-2	Straightness of sides	$\pm 0,5 \% / \pm 1,5 \text{ mm}$

Mechanical characteristics

EN ISO 10545-11	Crazing resistance	Pass
EN ISO 10545-12	Frost resistance	Pass
EN ISO 10545-9	Thermal shock resistance	Pass
EN ISO-10545-4	Breaking strength	> 1300 N
EN ISO-10545-4	Modulus of rupture	> 35 N/mm ²

Surface characteristics

EN ISO 10545-7	Surface abrasion resistance	4
EN ISO 10545-7	Visible failure at No of revolutions	12000 rev
EN-101	Surface scratch resistance	6

Chemical characteristics

EN ISO-10545-13	High concentrations of acids and alkalis	HA/HA/HA
EN ISO-10545-13	Low concentrations of acids and alkalis	LA/LA/LA
EN ISO-10545-13	Household chemicals and swimming pool salts	A/A

Chemical characteristics

EN ISO-10545-14	Stain resistance	5/-/5/5
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Non-slip characteristics

ANSI A137	Dynamic coefficient of friction (DCOF)	> 0,42
BS-7976-2	Slip resistance test (PTV) - wet conditions	+36
DIN-51097	Critical angle (Wet loaded barefoot)	A+B
DIN-51130	Critical angle (footwear)	R-10
UNE-41901:2017 EX	Slip resistance (pendulum test)	2

