

Technical Specification

Code: VT.218



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Physical & Chemical Properties	Norm/Test Method	Required Standard	Results
Thickness	EN ISO 10545-2	± 5.0% / ± 0.5mm	Conforms
Straightness of sides	EN ISO 10545-2	± 0.5% / ± 1.5mm	Conforms
Rectangularity	EN ISO 10545-2	± 0.6% / ± 2.0mm	Conforms
Surface Flatness	EN ISO 10545-2	± 0.5% / ± 2.0mm	Conforms
Water Absorption	EN ISO 10545-3	≤ 0.5%	0.03%
Flexion Resistance	EN ISO 10545-4	S ≥ 700 N (< 7.5mm) R ≥ 35 N/mm ²	S 3.038 N R ≥ 50.5 N/mm ²
Impact Resistance	EN ISO 10545-5	Declared Value	0.88
Abrasion Resistance	EN ISO 10545-6	≤ 175mm ²	124mm ³
Coefficient of Linear Thermal Expansion	EN ISO 10545-8	-	$\partial = 7.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
Resistance to Thermal Shocks	EN ISO 10545-9	Pass according to EN ISO 10545-1	No Damage
Frost Resistance	EN ISO 10545-12	Pass according to EN ISO 10545-1	No Damage
Resistance to Chemicals	EN ISO 10545-13	UB Min.	UA ULA UHA
Resistance to Stains	EN ISO 10545-14	Declared Value	Class 5
Lead and Cadmium Discharge	EN ISO 10545-15	Declared Value	Within Limit
Slip Resistance	DM. 236/89 BCRA	> 0.40	> 0.40
	ASTM Wet and Dry	> 0.60	> 0.60
	DIN 51130	-	R9
	DIN 51097	-	A+B
Pendulum Test	UNI EN 130036	≥36	≥36

Certifications



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