

COTTOPLUS



TECHNICAL SHEETS	U.M.	TEST METHOD	REQUIREMENTS	RESULTS
Deviations from the average size: lenght and width	%,mm	UNI EN ISO 10545-2	± 2,0% ± 4,0mm	Compliant
Deviations from the average size: thickness	%,mm	UNI EN ISO 10545-2	± 1,0%	Compliant
Straightness of the sides	%,mm	UNI EN ISO 10545-2	± 1,0%	Compliant
Rectangularity	%,mm	UNI EN ISO 10545-2	± 1,0%	Compliant
Surface flatness centre curvature	%,mm	UNI EN ISO 10545-2	± 1,5%	Compliant
Surface flatness edge curvature	%,mm	UNI EN ISO 10545-2	± 1,5%	Compliant
Surface flatness warpage	%,mm	UNI EN ISO 10545-2	± 1,5%	Compliant
Surface quality	%	UNI EN ISO 10545-2	Minimum 95%	Compliant
Water absorption	%	UNI EN ISO 10545-3	3 % < Ev ≤ 6 % Individual maximum 6,5%	Compliant
Breaking strenght	N	UNI EN ISO 10545-4	≥ 800 N	≥ 800 N
Modulus of rupture	N/mm²	UNI EN ISO 10545-4	Average minimum 13 N/mm² Individual minimum 11 N/mm²	≥ 13 N/mm²
Abrasion resistance	mm³	UNI EN ISO 10545-6	Maximum 541 mm³	< 500 mm³
Linear thermal expansion	N 10 ⁻⁶ °K ⁻¹	UNI EN ISO 10545-8	Declared value	a(1) = 6,3 x 10 ⁻⁶ °C ⁻¹ a(2) = 6,5 x 10 ⁻⁶ °C ⁻¹
Moisture expansion	mm/m	UNI EN ISO 10545-10	Declared value	< 0,02
TEST METHOD				
Thermal shock resistance	-	UNI EN ISO 10545-9	Required	Resistant
Frost resistance	-	UNI EN ISO 10545-12	Declared value	Resistant
Impact resistance	-	UNI EN ISO 10545-5	Declared value	> 0,55
Resistance to low concentrations of acids and alkalis	Class	UNI EN ISO 10545-13	Declared value	LA (KOH 3%) LB (HCl 3%) LC (Citric acid solution 10%)
Resistance to household chemicals and swimming pool salts	Class	UNI EN ISO 10545-13	Minimum class B	A
STANDARD				
Sliding resistance: shod ramp test	-	DIN EN 16165-B	Declared value	R12
STANDARD				
Resistance to light	-	DIN 51094	Declared value	Resistant