



ITEM: 2 CM

SERIES: FORAGE

SIZE: 24x24

PHYSICAL PROPERTIES	ISO13006 Group Bla - Requirements	VALUE
ISO 10545/3 WATER ABSORPTION (%)	average value $\leq 0,5$	<0,1
ISO 10545/4 MODULUS OF RUPTURE (N/mm ²)	average value ≥ 35	>50
ISO 10545/4 BREAKING STRENGTH (N)	≥ 1300 (thickness $\geq 7,5$ mm)	>9000
EN 101 SCRATCH HARDNESS Scale Mohs from 1 to 10	≥ 5	8
ISO 10545/6 RESISTANCE TO DEEP ABRASION mm ³	175 max	<150
ISO 10545/8 COEFFICIENT OF LINEAR THERMAL EXPANSION from 20°C to 100 °C ($10^{-6} \cdot ^\circ\text{C}^{-1}$)	TEST METHOD AVAILABLE	6,23
ISO 10545/14 RESISTANCE TO STAINS CLASS from 1 to 5	≥ 3	Chrome green in light oil 5 Iodine, alcoholic solution 5 Olive oil 5
ISO 10545/13 RESISTANCE HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS CLASS GA - GB - GC	min. GB	1day Amm. Chlor. 100g/l GA 1day Hypochl. Sodi. 20mg/l GA
ISO 10545/13 RESISTANCE TO ACIDS AND ALKALIS (low concentrations) CLASS GLA - GLB - GLC	Manufacturer to state classification	4days Hydrochloric acid 3% GLA 1day Citric acid 100g/l GLA 4days Potass. hydrox. 30g/l GLA
SLIP RESISTANCE DIN 51130 – DIN 51097	Manufacturer to state classification	R11 C