

Technical Standard

TECHNICAL CHARACTERISTICS		STANDARD TEST METHOD	STANDARD PRESCRIBED VALUES	BOLI VALUES	
MEASUREMENT AND SURFACE APPEARANCE					
 LENGTH		EN ISO 10545-2	± 0.6%	-0.04--+0.09%	
 WIDTH		EN ISO 10545-2	± 0.6%	-0.03--+0.01%	
 THICKNESS		EN ISO 10545-2	± 5%	-0.15--+0.38%	
 TRANSMUTATION		EN ISO 10545-2	± 2	± 0.5	
PHYSICAL PROPERTIES					
 WATER ABSORPTION		EN ISO 10545-3	≤ 0.5%	≤ 0.05%	
 BREAKING STRENGTH		EN ISO 10545-4	≥ 1300N	3000N	
 MODULUS OF RUPTURE		EN ISO 10545-4	≥ 35N/mm ²	40-43	
 RESISTANCE TO ABRASION		EN ISO 10545-6	≤ 205mm ³	≤ 160mm	
 THERMAL EXPANSION COEFFICIENT		EN ISO 10545-8	≤ 9MK-1	≤ 7MK-1	
 TEMPERATURE SHOCK RESISTANCE		EN ISO 10545-9	NO DEFECTS SHOULD BE VISIBLE	DURABLE	
 FROST RESISTANCE		EN ISO 10545-12	NO SURFACE DEFECTS OR CRACKS SHOULD BE VISIBLE	ANTI-ICE	
 SLIP RESISTANCE		DIN 51130	R9-R13	< R9	
CHEMICAL PROPERTIES					
 CHEMICAL RESISTANCE RESISTANCE TO HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS		EN ISO 10545-13	THERE SHOULD BE NO VISIBLE CHANGES WHEN SUBJECTED TO CHEMICALS	DURABLE	
 RESISTANCE TO STAINING WHEN SUBJECTED TO CHEMICALS		EN ISO 10545-14	THERE SHOULD BE NO VISIBLE CHANGES WHEN SUBJECTED TO CHEMICALS	NO VISIBLE DEFECTS	
SHADE VARIATION	V4	 Uniform appearance V1	 Slight variation V2	 Moderate variation V3	 Substantial variation V4