

TECHNICAL DATA SHEET

a) DIMENSIONS

Characteristic	Norm	Average value depending on nominal dimension N		
		7 cm ≤ N < 15 cm		N ≥ 15 cm
Length and width	EN ISO 10545-2	± 0.75 mm	± 0.5 %	± 2.0 mm
Thickness	EN ISO 10545-2	± 0.5 mm	± 10 %	± 0.5 mm
Straightness of sides	EN ISO 10545-2	± 0.5 mm	± 0.3 %	± 1.5 mm
Rectangularity	EN ISO 10545-2	± 0.75 mm	± 0.5 %	± 2.0 mm
Central curvature	EN ISO 10545-2	+ 0.75 mm - 0.50 mm	± 0.5 % - 0.3 %	± 2.0 mm - 1.5 mm
Side curvature	EN ISO 10545-2	+ 0.75 mm - 0.50 mm	± 0.5 % - 0.3 %	± 2.0 mm - 1.5 mm
Warp	EN ISO 10545-2	± 0.75 mm	± 0.5 %	± 2.0 mm

Surface flatness

b) PHYSICAL PROPERTIES

Characteristic	Norm	Average value
Water absorption	EN ISO 10545-3	> 10 % (BIII)
Breaking of rupture	EN ISO 10545-4	> 600 N
Modulus of rupture	EN ISO 10545-4	> 12 N/mm ²
Scratch hardness (MOHS)	EN 101	3
Resistance to thermal shock	EN ISO 10545-9	Guaranteed
Crazing resistance	EN ISO 10545-11 ASTM C424	Guaranteed
Slight colour differences	EN ISO 10545-16	ΔE _{cmc} < 0.75
Reaction to fire	---	A1- s1, d0

c) CHEMICAL PROPERTIES

Characteristic	Norm	Average value
Resistance to stains	EN ISO 10545-14	5
Low concentration acids and alkalis	EN ISO 10545-13	GLA
High concentration acids and alkalis	EN ISO 10545-13	GHB
Household chemicals	EN ISO 10545-13	GA

Chemical resistance

