

LOPO Technical Specification

Product: Terracotta Baguette

Length (mm) :1000

Characteristic	LOPO Specification	EN 14411:2012	Test Reference
Dimensions and surface quality			
Length	±0.5%	± 2 %	ISO10545-2
Width	±0.5%	±2%	
Thickness	±5%	±10%	
Straightness of Sides(facial sides)	±0.5%	±1%	
Rectangularity	±1%	±1%	
Surface quality	Fulfilled	A minimum of 95% shall be free from visible defects that would impair the appearance of a major area.	ISO10545-2
Physical properties			
Water Absorption	3-7.5%	6-10%	ISO10545-3
Breaking Strength	Average >23000 N	≥750 N	ISO10545-4
Abrasion Resistance	<460 mm ³	Max. 1062 mm ³	ISO10545-6
Resistance to Thermal Shock	Fulfilled	Pass according to EN ISO 10545-1	ISO10545-9
Freeze-thaw Resistance	Fulfilled	Pass according to EN ISO 10545-1	ISO10545-12
Moisture Expansion	<0.02%	Declared value	ISO10545-10
Reaction to Fire	Class A1	Class A1 or A1FL	
Chemical properties			
Resistance to low concentrations of acids and alkalis	Declared value	ULA	ISO10545-13

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