



Características Técnicas / Technical Features



INTERIORISMO INFLUYENTE

KUMA BLACK

Porcelanato masa coloreada estructurados



PISO



MURO



RECTIFICADO



INTERIOR



EXTERIOR



RESIDENCIAL



MATE

FORMATOS



80 x 160



	PIEZAS	CAJAS	M ²	KG
CAJA	2	NA	3.35	52.34
PALLET	56	28	71.68	1465.52

ESPESOR: 9mm

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CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	MEAN VALUE OF CITTA SURFACES (POLISHED)	MEAN VALUE OF CITTA SURFACES (UNPOLISHED/MATTE)	TEST METHOD
REGULATORY PROPERTIES				
Deviation in length & width	±0.5 %	±0.2 %	±0.2 %	ISO-10545-2
Deviation in thickness	±5.0 %	±4.0 %	±4.0 %	ISO-10545-2
Straightness in side	±0.5 %	±0.15 %	±0.15 %	ISO-10545-2
Rectangularity	±0.6 %	±0.2 %	±0.2 %	ISO-10545-2
Surface flatness	±0.5 %	±0.2 %	±0.2 %	ISO-10545-2
Color difference	Unaltered	Slight variation is possible due to different batches as per signed samples	Slight variation is possible due to different batches as per signed samples	ISO-10545-16
Glossiness	As per mfg	Sharp	Sharp	GLOSSOMETER
SURFACE MECHANICAL PROPERTIES				
Water absorption	< 0.50 %	< 0.5 %	< 0.5 %	ISO-10545-3
Apparent density	> 2.0 g/cc	> 2.28 gm/mm ²	> 2.28 gm/mm ²	DIN 51082
MASSIVE MECHANICAL PROPERTIES				
Modulus of rupture	Min. 35 N/mm ²	Min. 35 N/mm ²	Min. 35 N/mm ²	ISO-10545-4
Breaking strength	Min. 1300 N	Min. 1700 N	Min. 1700 N	ISO-10545-4
Impact resistance	As per mfg.	Min. 0.55	Min. 0.55	ISO-10545-5
SURFACE MECHANICAL PROPERTIES				
Surface abrasion resistance	As per mfg	Min. Class-3	Min. Class-4	ISO-10545-7

INSPECCIONADO POR : Guandong Qingyuan
Supervision Testing Institute of Quality and
Metrology.

La información descrita representa los resultados
del material sometido a pruebas. Prohibida su
reproducción total o parcial sin la validación de
laboratorio.

GANTE

Batallón de San Patricio 109
Piso 10, Col. Valle Oriente
San Pedro Garza, Nuevo León
México.

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MOH's hardness	As per mfg	Min. 4	Min. 5	EN 101
THERMO HYGROMETRIC PROPERTIES				
Frost resistance	No damage	No damage	No damage	ISO-10545-12
Thermal shock resistance	No damage	No damage	No damage	ISO-10545-9
Moisture expansion	Nil	0.1 (mm/3)	0.1 (mm/3)	ISO-10545-10
Thermal expansion (COE)	Max. 9.0 x 10 ⁻⁶	Max. 6.5 x 10 ⁻⁶	Max. 6.5 x 10 ⁻⁶	ISO-10545-8
Crazing resistance	As per mfg	Min. 7 Cycle	Min. 7 Cycle	ISO-10545-11
CHEMICAL PROPERTIES				
Chemical resistance	No damage	No damage	No damage	ISO-10545-13
Stain resistance	Resistant	Resistant	Resistant	ISO-10545-14
SAFETY PROPERTIES				
Slip resistance	As per mfg	> 0.40	> 0.40	ISO-10545-17
Fire resistance	As per mfg	Fireproof	Fireproof	N. A.
Lead & Cadmium given off by glazed tiles	As per mfg	Does not yield Pb & Cd	Does not yield Pb & Cd	ISO-10545-15

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< G | PREMIUM DESIGN

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