

KeraBlack® slim



Thinner (3.2 ± 0.2 mm) and **lighter** (2.4 kg) with equivalent performance.



Allowing **-20% of CO₂ emissions & energy consumption**.



Using **20% fewer raw materials**.



Offering more **value for greater competitiveness**.

The market's thinnest and lightest glass-ceramic surface, achieving performance equivalent to the current standard while being more sustainable.

Standards

KeraBlack® slim meets the mechanical specifications defined by European standards EN 60335-1, EN 60335-2-6 and UL858.

This product is available with or without bottom surface texture (pebbles).



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NOTE: Technical specifications are available upon request.

www.eurokera.com

GLASS-CERAMIC PROPERTIES	UNITS	VALUE
Mechanical		
Density	g/cm ³	2.54
Young's Modulus E	GPa	92
Torsion Modulus G	GPa	36
Poisson's Ratio		0,26
Knoop Hardness		600
Minimum mechanical bending strength	MPa	150
Minimum static load resistance (600 x 500mm)	kg	100
Impact resistance Norwegian Hammer, Pot drop EN60335-2-6 Ball drop UL 838		Pass
Thermal		
CTE (20-700°C)	10 ⁻⁷ .K ⁻¹	0 ± 1
Specific Heat (20-100°C)	J/g.K	0.9
Resistance to thermal gradients - thermal shock	°C	ΔTmax = 700
Aging performances - no performances alteration after following exposure		
Electrical		
Electrical resistivity log n at 250°C	Ω.cm	6.8
Electrical resistivity log n at 350°C	Ω.cm	5.4
Dielectric constant (1MHz, 25°C)		7.9
Loss tangent factor (1MHz, 25°C)		0.02
Chemical		
Hydrolitic resistance DIN 12111		HGB1
Acid resistance DIN 12116		Class 3
Alkali resistance DIN 52322		A1
Sustainability		
Recyclable	Arsenic Free	Water-friendly enamels