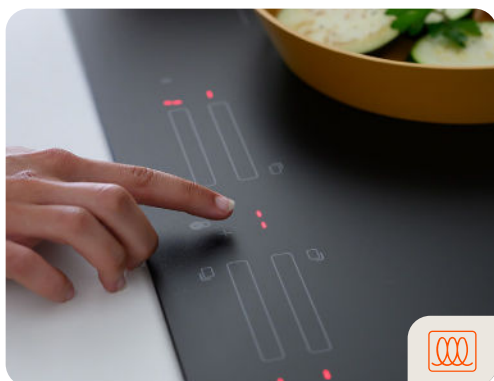


Onyka® Essential

ONYKA



Soft black matte cooking surface that blends performance and aesthetics with contemporary kitchen trends.

Standards

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



eurokera

NOTE: Technical specifications are available upon request.

www.eurokera.com

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Elegance with a **soft** matte finish: **gloss level below 10%**, in contrast to the 90% gloss of standard black glass-ceramic.



Improved **scratch resistance: 60% less scratches** than a standard surface.



Enjoyable cooking experience: enhanced **resistance to fingerprints**.

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
Surface Aspect		
Roughness Ra	µm	2,5
Gloss (B60)	u.a.	6,5
Sustainability		
Recyclable	Arsenic Free	Water-friendly enamels