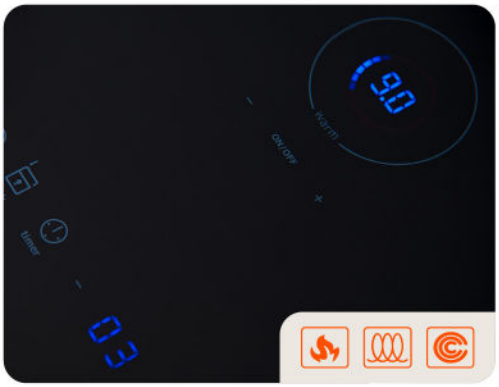
KeraVision®



The **distinctive optical properties** of KeraVision® black glass-ceramic allow **bright** and **luminous displays** in **various colors** (blue, green, yellow...).

Deep black cooking surface for an **enhanced elegance**.

Deep black glass-ceramic that enables vibrant, high-contrast displays in a wide range of colors.

Standards

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

The bottom surface of KeraVision® panels is covered with a black opacifying layer, outside of the display areas for all applications and outside of the heating zones (for radiant application only).

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

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 - Thickness 4mm)	kg	100
Impact resistance: Norwegian Hammer EN60335-1 Pot drop EN60335-2-6 Ball drop UL 858		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
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 process	Water-washable enamels*

*Washable with water during the finishing process.
All data are based on typical values and are not intended as specifications.

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NOTE: Technical specifications are available upon request.

www.eurokera.com

06.05.2026