

# KeraWhite®



- > EuroKera KeraWhite® has been engineered to comply with the requirements of the market for cooktops.
- > All current heating methods (radiant, halogen, gas burners, induction...) can be used with KeraWhite®.

## Specifications

The physical and chemical characteristics of KeraWhite® are in accordance to relevant EN, ISO, NF or DIN standards, when available, and otherwise according to our company specifications (SPC-EU/ST02). In particular, KeraWhite® meets the mechanical specifications defined in European standards EN 60335-1 and EN 60335-2-6.

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

GLASS-CERAMIC PROPERTIES		UNITS	VALUE
Mechanical	Density	g/cm <sup>3</sup>	2.51
	Young's Modulus E	GPa	84
	Torsion Modulus G	GPa	34
	Poisson's Ratio		0.26
	Minimum mechanical bending strength	MPa	110
	Knoop Hardness		658
Thermal	CTE (20-700°C)	10 <sup>-7</sup> .K <sup>-1</sup>	10 ± 1
	Specific Heat (20-100°C)	J/g.K	0.9
	Resistance to Thermal gradients	°C	ΔTmax = 650
	Resistance to Thermal shock	°C	ΔTmax = 650
Optical	IR Transmission at 1100 nm		47%
	IR Transmission at 2400 nm		82%
Electrical	Electrical resistivity log n at 250°C	Ω.cm	7.4
	Electrical resistivity log n at 350°C	Ω.cm	6.0
	Dielectric constant (1MHz, 25°C)		6.5
	Loss factor tan (1MHz, 25°C)		0.003
Chemical	Hydrolytic resistance DIN12111		HGB1
	Acid resistance DIN12116		Class 1
	Alkali resistance DIN52322		A2



NOTE: Information in this document reflect standard specification. Do not hesitate to consult us for any special request.