KeraWhite® TC

> EuroKera KeraWhite® TC 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® TC.

Specifications

The physical and chemical characteristics of KeraWhite® TC are in accordance to relevant EN, ISO, NF or DIN standards, when available, and otherwise according to our company specifications (SPC-EU/ST04). In particular, KeraWhite® TC 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).

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

GLASS-CERAMIC PROPERTIES		UNITS	VALUE
Mechanical	Density	g/cm^3	2.51
	Young's Modulus E	GPa	85
	Torsion Modulus G	GPa	34
	Poisson's Ratio		0.25
	Minimum mechanical bending strength	MPa	110
	Knoop Hardness		625
Thermal	CTE (20-700°C)	$10^{-7}.K^{-1}$	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
Electrical	Electrical resistivity log n at 250°C	Ω.cm	7.2
	Electrical resistivity log n at 350°C	Ω.cm	5.7
	Dielectric constant (1MHz, 25°C)		6.4
	Loss factor tan (1MHz, 25°C)		0.004
Chemical	Hydrolitic resistance DIN12111		HGB1
	Acid resistance DIN12116		Class 2
	Alkali resistance DIN52322		A2

Available Colors:

(for a slightly different resulting white tone on the finished product)

Warm White 4667	Neutral White 4675	Cold White 4643

The color samples presented in this document are for representational purpose only. Refer to real samples for more accuracy.

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

www.eurokera.com

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