

KeraSlate™



- > EuroKera's latest Glass-Ceramic Substrate
- > The Grey Glass-Ceramic that everyone has been talking about
- > Made for today's discerning color palette
- > Perfectly suited for all induction and gas cooking

Specifications

The physical and chemical characteristics of KeraSlate™ have been tested in our laboratories according to relevant EN, ISO, NF or DIN standards, when available, and otherwise, according to our company specifications. The values specified hereafter are typical values which may vary slightly.

GLASS-CERAMIC PROPERTIES		UNITS	VALUE
Mechanical	Density	g/cm ³	2.52
	Young's Modulus E	GPa	85
	Torsion Modulus G	GPa	34
	Poisson's Ratio		0.26
	Minimum mechanical bending strength	MPa	150
	Knoop Hardness		545
Thermal	CTE (20-700°C)	10 ⁻⁷ .K ⁻¹	12 ± 1.5
	Specific Heat (20-100°C)	J/g.K	0,84
	Resistance to Thermal gradients	°C	ΔTmax = 450
	Resistance to Thermal shock	°C	ΔTmax = 450
Optical	Glass-ceramic color		Slate Grey
Electrical	Electrical resistivity log n at 250°C	Ohm.cm	7.3
	Electrical resistivity log n at 350°C	Ohm.cm	5.8
	Dielectric constant (1MHz, 25°C)		6.7
	Loss factor tan (1MHz, 25°C)		0.004
Chemical	Hydrolitic resistance DIN12111		HGB1
	Acid resistance DIN12116		Class 3
	Alkali resistance DIN52322		A2



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