KeraResin®

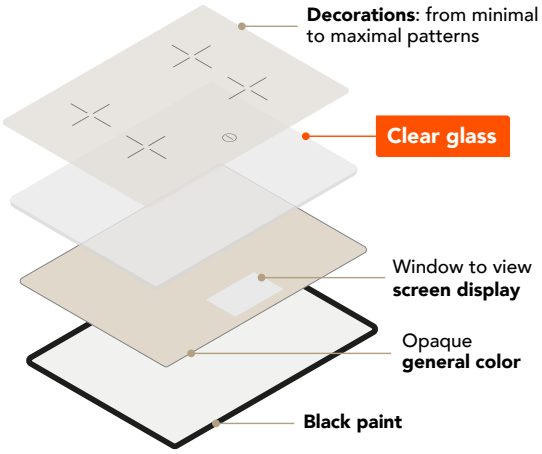
KeraResin® offers **multiple colors** on a **clear** and **smooth glass-ceramic**.

Compatible with **all colored displays** and **LCD screens**.

Use decoration both on top and bottom of glass for a **depth effect**.

Transparent and smooth glass-ceramic offering an unparalleled range of glass color rendering and display color options.

Standards



Resin layers are designed to withstand a stabilized temperature of 350°C at the bottom surface hottest location and a peak temperature of 400 °C at the bottom surface hottest location.

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 perfomances - 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
Sustainability		
Recyclable	Arsenic Free	Water-friendly enamels

Available Colors:

Champagne 7643	Silver 7644	Slate Grey 7661	Anthracite 7662

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NOTE: Technical specifications are available upon request.

www.eurokera.com

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