# Keral 96

### Alumina content 96%

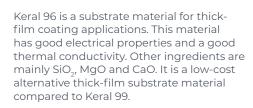
# **Applications**

- · alumina substrate material for thickfilm technology
- · sensor protection plate
- · electrical insulator

## **Advantages**

- · inexpensive substrate material
- · good electrical insulation capability
- · good mechanical strength
- · good thermal conductivity
- · cuttable by laser or waver saw
- · good evenness

Typical characteristics	Unit	Value
Colour		white
Gross density	g/cm³	3.78
Surface roughness R <sub>a</sub>	μm	0.6
Bending strength	MPa	400
Dielectric strenght at 20°C	kV/mm	15
Thermal expansion coeffizient 20 - 600°C	10 <sup>-6</sup> K <sup>-1</sup>	~ 7
Thermal conductivity	W/mK	24
Dimensions	mm	on request
Thickness	mm	0.25 up to 1.5
Structure		dense
Main components	%	96% Al <sub>2</sub> O <sub>3</sub>



(1) We cut the material according to your wishes! Please send in your CAD data.

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#### Note

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05-2024