

Keral 99 TF

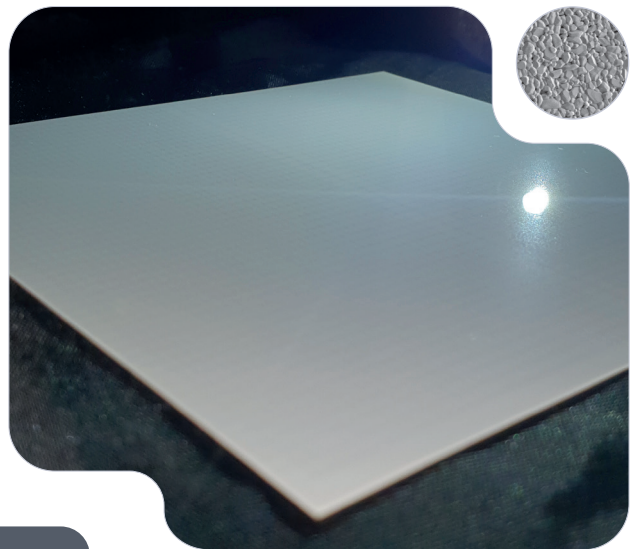
Thinfilm-Substrates

Applications

- thinfilm application, e.g. temperature sensors

Advantages

- very fine-grained homogeneous grain structure
- good electric insulation properties at room temperature
- extremely good mechanical strength
- can be cut by laser or waver saw
- good evenness



Typical characteristics	Unit	Value
Colour		white
Density	g/cm ³	3.85
Surface roughness R _a	µm	< 0.09
Bending strength	MPa	> 500
camber longest edge	%	0.2
Dielectric strenght at 20°C	kV/mm	> 10
Thermal conductivity	W/mK	30
Standard dimensions	mm	101.6 x 101.6 and 50.8 x 50.8
Thickness	mm	0.38
Structure		dense
Main components	%	99.6% Al ₂ O ₃
Gransize media	µm	< 2.0

When we are talking about reliable and economic thinfilm quality, we are talking about K99TF.

Due to the unique formulation and raw material choice our R&D department formed a substrate material which shows reliable quality, high performance at ambient pricing.

The smooth surface, strength and accuracy in size is a great advantage when it comes to deal with new thinfilm projects or even replace other available qualities.

- ! We cut the material according to your wishes!
Please send in your CAD data.



Note

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