

제품특성 – Alumina Ceramics

Item		Unit	95 Al ₂ O ₃	96 Al ₂ O ₃	99 Al ₂ O ₃
Physical Characteristics	Bulk density	g/cm ³	3.6	3.6	3.9
	Water absorption	%	0	0	0
Mechanical Characteristics	Flexural strength	Mpa	320	340	360
	Hardness Vickers	Gpa	12.2	13.5	15.6
	Elastic modulus	Gpa	280	320	370
	Poisson's ratio	-	0.22	0.23	0.23
Thermal Characteristics	Linear expansion coefficient	(20 ⁰ C-500 ⁰ C) 10 ⁻⁶ / ⁰ C	7.1	7.2	8
	Thermal conductivity	w/(m.k)	16	24	32
	Specific Heat	*10 ⁻³ J/(kg*K)	0.78	0.78	0.9
Electrical Characteristics	Dielectric constant (1MHZ)	-	9	9.4	9.9
	9.9 Dielectric loss angle	*10 ⁻⁴	15	5	1
	Dielectric strength	*10 ⁶ V/m	12	15	15

Electronic insulation alumina ceramics

Specifications

Electronic insulation alumina ceramics

- Lower medium spoilage
- Good insulation performance
- Wear resistance
- High strength

Electronic insulation alumina ceramics

\Features:

- 1) A variety of specifications available.
- 2) Satisfy various technical request.
- 3) Lower medium spoilage.
- 4) Good insulation performance and high temperature resistance.
- 5) Stiffness texture.
- 6) Used in all electric products, electric heating products and wear resistant machinery parts.
- 7) OEM, ODM and OBM are welcomed.

We can supply the products according to customer's drawings, samples and performance requirement.