

Advanced Engineering Fine Ceramics Low Temperature Alumina Granulation Powder

Item Number: KM-P03



Introduction

Low temperature alumina granulation powder is a kind of alumina particles produced by a special low temperature process, designed to meet the needs of temperature sensitive applications. This material has excellent low temperature performance and good processing characteristics, suitable for a variety of industries that require low temperature processing and treatment.

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	Al ₂ O ₃ (%)	Embryo density (g/cm ³)	Particle size distribution (mesh)	Bulk density (g/cm ³)	Firing temperature (°C)	Hot holding time (h)	Shrinkage (%)	Porcelain density (g/cm ³)	Porcelain color
DZ-99.5	≥99.5	2.3-2.4	60-200 mesh Center diameter 140	1.05-1.15	1650	2.5-3	16±0.5	≥3.92	Slightly yellow
DZ-99A	≥99	2.3-2.4		1.05-1.15	1630		16±0.5	≥3.90	Slightly yellow
DZ-95C	≥99	2.25-2.35		1.05-1.15	1630		16±0.5	≥3.88	Slightly yellow
DZ-97	≥97	2.25-2.35		1.1-1.2	1600		16±0.5	≥3.75	white
DZ-95	≥95	2.3-2.4		1.15-1.25	1560		14±0.5	≥3.68	white
DZ-93	≥93	2.25-2.35		1.1-1.2	1560		13±0.5	≥3.65	white

Serial number	Product model	Scope of application
1	DZ-99.5	Semiconductor components, 5G communication supporting ceramics, etc.
2	DZ-99A	Ceramic plunger, bushing, photovoltaic, etc.
3	DZ-93	Electric vacuum ceramic shell and other metallized products
4	PZ-95A	Water valve plate, spark plug, etc.
5	PZ-95	Fuse, relay supporting ceramics, etc.