

# High Purity Alumina Granulated Powder For Engineering Advanced Fine Ceramics

Item Number: KM-P02



## Introduction

Ordinary alumina granulated powder is alumina particles prepared by traditional processes, with a wide range of applications and good market adaptability. This material is known for its high purity, excellent thermal stability and chemical stability, and is suitable for a variety of high-temperature and conventional applications.

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	Al <sub>2</sub> O <sub>3</sub> (%)	Embryo density (g/cm <sup>3</sup> )	Particle size distribution (mesh)	Bulk density (g/cm <sup>3</sup> )	Firing temperature (°C)	Hot holding time (h)	Shrinkage (%)	Porcelain density (g/cm <sup>3</sup> )	Porcelain color
PZ-99	≥99	2.0-2.2		1.0-1.1	1650		18±0.5	≥3.85	Slightly yellow
PZ-95A	≥95	2.3-2.4	60-200 mesh	1.1-1.2	1630	2.5-3	15±0.5	≥3.73	white
			Center diameter 140				15±0.5	≥3.68	Pale
PZ-95	≥95	2.3-2.4		1.1-1.2	1630		16±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.