

BERYLLIUM OXIDE NANOPOWDER



Purity
99.9%

BeO

NS6130-12-000919

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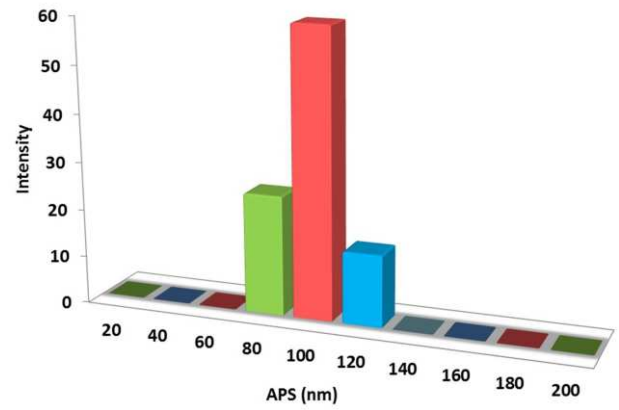
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BERYLLIUM OXIDE NANOPOWDER

Beryllium oxide is also called as beryllia and it is an inorganic compound with the formula BeO. Beryllium oxide (BeO) ceramics exhibits ample of properties for instance high thermal conductivity, high melting point, high intensity, high insulation nature, high chemical and thermal stability, low dielectric constant, low dielectric loss and good technology applicability, in that way it is extensively applied in vacuum electronics technology, nuclear technology, and microelectronics and photoelectron technology. It is an amphoteric compound rather than basic. BeO crystallizes shows the hexagonal wurtzite structure. Among the other oxides, BeO is a unique for oxides so it combines exquisite electrical insulating properties. It is one of the most chemically stable oxides and at high temperatures, it will opposing both carbon reduction and molten metal attack. It is utilized in nuclear technology, vacuum electronics technology, microelectronics and photoelectron technology especially in thermal application.

QuickFACTS

Product	:	Beryllium Oxide Nanopowder
Stock No	:	NS6130-12-000919
CAS	:	1304-56-9
Color	:	White
Form	:	Powder
Symbol	:	BeO



ADDITIONAL POWDER CHARACTERISTICS

Stock No.	Purity	APS
NS6130-12-000919	99.9%	80-100nm

TECHNICAL SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
BeO	25.01 g/mol	2.9 g/cm ³	2507 °C

CHEMICAL COMPOSITION

Product	Weight Percent (nominal)	
	BeO	Other Metal
Beryllium Oxide Nanopowder	99.9%	1000ppm

APPLICATIONS

- > Aerospace
- > Military applications
- > Nuclear technology
- > Vacuum electronics technology



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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