

NS6130-02-248

BARIUM ALUMINIUM

Nanoparticles

Quick Facts

Product	:	Barium Aluminium Nanoparticles
Stock No	:	NS6130-02-248
CAS	:	12004-04-5
Molecular Formula	:	BaAl ₂ O ₄
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	APS
255.29g/mol	4.43g/cm ³	60nm

Barium aluminum oxide is used for getter alloys in vacuum tubes. It also finds application as deoxidizer for copper, Fray's metal, lubricant for anode rotors in x-ray tubes and spark-plug alloys. It is used to prepare heat-resistant refractory and super-refractory concretes. Further, it gives a better protection against gamma radiation and X-rays.

Barium Aluminium Nanopowder (BaAl₂O₄) has been used for the formulation of refractory concrete, as radiation-proof plaster and water purification. Barium Aluminium powder also used as binders for ceramics and refractory.

BaAl₂O₄

APS 60nm



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