

## NS6130-02-248

## **BARIUM ALUMINIUM**

Quick Facts

**Nanoparticles** 

Product : Barium Aluminium Nanoparticles

Stock No : NS6130-02-248
CAS : 12004-04-5
Molecular Formula : BaAl2O4
Form : Powder

Purity 99.9%

## **Technical** Specification

Molecular Weight	Density	APS
255.29g/mol	4.43g/cm³	60nm

Barium aluminum oxide is used for getter alloys in vacuum tubes. It also finds application as deoxidizer for copper, Frary'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.













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