



Innovative Materials Shift the Future

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Pseudo Boehmite/B8013

1. Product introduction:

Our product is a small particle size, high purity product with excellent dispersibility and peptizing properties. Different grades can be provided in accordance with different requirements of customers. Nano Alumina can be used as catalysts support in automotive exhaust purification, industrial emissions processing and refinery industry. It can be also used as ceramic filler. It is a practical and effective product for improving the thermal stability and mechanical strength of materials.

2. Main properties.

Item	B8013-2	B8013-4
Chemical Composition	$\text{AlOOH}\cdot x\text{H}_2\text{O}$	$\text{AlOOH}\cdot x\text{H}_2\text{O}$
Moisture	$\leq 17\%$	$\leq 13\%$
Loss on Ignition	$\leq 25\%$	$\leq 22\%$
Crystallites Size(nm)	2~5	2~5
Specific Surface Area(m^2/g)	250~300	330~370 m^2/g
Pore Volume(cm^3/g)	0.15~0.2	0.8~0.9
Mean Pore Diameter(nm)	1.5~2.0	8~10
Bulk Density(g/cm^3)	1.1~1.3	0.15~0.17

3. packing

B8013-2: 40kg/bag

B8013-4: 10kg/bag

4. Storage conditions and shelf life

Keep tightly closed, keep in a dry place, proof humidity; Under normal storage conditions shelf life 5 years.

5. Warning

Avoid inhalation, please wear protective masks and other protective measures.

! The information is based on our practical production and result of testing. We suggest testing should be necessary before a batch use. We announce that the specification can not be used as the guarantee of the products.