

BARITEWORLD

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SPECIAL ACTIVATED BAUXITE

HIGH ALUMINA ACTIVATED BAUXITE (AL₂O₃)

ABOUT:

Special Activated Bauxite is a special bauxite with higher aluminum oxide content. After processing, this bauxite leads to a product with better adsorption capacity and higher specific surface area. It has been used in the petrochemical industry and in fuel jet clarification. Another important application has been in paraffin and naphthenic insulation oil used in transformers regeneration, among others. These applications use the percolation process.

<u>TYPICAL CHEMICAL ANALYSIS</u>	
Al ₂ O ₃	92.50%
TiO ₂	0.33
SiO ₂	2.75
Fe ₂ O ₃	3.99
CaO	0.00
MgO	0.05
Na ₂ O	0.03
K ₂ O	0.00
L.O.I. *	6.32

* L.O.I. on calcined basis

<u>TYPICAL PHYSICAL PROPERTIES</u>	
Bulk Density:	0.90 g / cm ³
Moisture:	2.06%
Adsorption to Azobenzene:	70.0 mL
Loss on Abrasion:	20.0%
BET Surface Area:	205 m ² /g

MINERALOGICAL COMPOSITION

Aluminum Oxide - Al₂O₃

B\Phohmite - AlO(OH)

Gibbsite - Al(OH)₃

Hematite - Fe₂O₃

Kaolinite - Al₂Si₂O₅(OH)₄

AVAILABLE SIZES

20 / 50

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