

# ACTIVATED BAUXITE

## ACTIVATED BAUXITE (Al<sub>2</sub>O<sub>3</sub>) FOR PETROCHEMICAL INDUSTRY

### ABOUT:

Activated Bauxite is an adsorbent bauxite used in the petrochemical industry to clarify and/or to regenerate oils as aviation kerosene and paraffin. Another important application is in the isolating oil regeneration of the electric transformers. Both applications use the percolating process.

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	77.20%
TiO <sub>2</sub>	0.91
SiO <sub>2</sub>	10.40
Fe <sub>2</sub> O <sub>3</sub>	7.55
CaO + MgO	0.02
Na <sub>2</sub> O + K <sub>2</sub> O	0.14
L.O.I.	3.27

### TYPICAL PHYSICAL PROPERTIES

Bulk Density:	0.88 g / cm <sup>3</sup>
Moisture:	3.0%
Azobenzene Adsorption:	300 ppm
Resistance to Erosion:	14.0%

### Mineralogical Characteristics

Corundum -  $\alpha$ -Al<sub>2</sub>O<sub>3</sub>

Hematite - Fe<sub>2</sub>O<sub>3</sub>

Gamma Alumina -  $\gamma$ -Al<sub>2</sub>O<sub>3</sub>

Boehmite - AlOOH

### AVAILABLE SIZES

20 x 60 Mesh



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