

ACTIVATED BAUXITE

Activated Bauxite (Al_2O_3) for petrochemical industry

ACTIVATED BAUXITE is an absorbent 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 Physical Properties

		10/30	20/50
Mean Diameter	mm	1.650	0.740
Bulk Density	g/cm ³	0.90	0.87
Loss by abrasion	%	16.5	21.9
Moisture	%	0.40	1.78
Loss on Ignition	%	4.50	4.50
Surface Area	m ² /g	205	251

Sieve Analysis

	10/30	20/50
# 10	5	-
# 16	-	1
# 30	94	-
# 50	-	98
Fines	1	1

Typical Chemical Analysis by XRF (%)

Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	TiO ₂	K ₂ O	Other
89.2	5.95	3.84	0.50	0.03	0.50

Mineralogical Analysis

B/ Piemite	Gibbsite	Corundum	Hematite	Kaolinite
Al(OH)	Al(OH) ₃	α Al ₂ O ₃	α Fe ₂ O ₃	Al ₂ Si ₂ O ₅ (OH) ₄

The MSDS requests should be sent to sds@grupocurimbaba.com.br.

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