



Hydrated Alumina KC30 Hydrate

A hydrated alumina for alumina chemicals production

Product Information

KC 30 is a coarse off white hydrated alumina

Product Description

KC30 Hydrate is a hydrated alumina precipitated in an SGA process circuit.

Applications

KC30 is used for the production of aluminium chemicals, most commonly:

- alum
- sodium aluminate

Typical Properties of KC30 Hydrated Alumina

Chemical Analyses, wt %	Shipping Limits	Typical Range ⁽¹⁾
Al ₂ O ₃	64.7 min	65.1 - 65.2
Al(OH) ₃	99.0 min	99.5 - 99.7
Na ₂ O	0.45 max	0.22 - 0.32
SiO ₂	0.03 max	0.007 - 0.017
Fe ₂ O ₃	0.03 max	0.006 - 0.011
CaO	0.05 max	0.027 - 0.033
Soluble Na ₂ O	0.10 max	0.000 - 0.040
Particle Size (cumulative)⁽²⁾		
% on 100 mesh (150µm)	15 max	0 - 10
% on 325 mesh (45µm)	90 min	88 - 99

1) Approximately 2 standard deviations around the mean.

2) Electroform Screens

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