



**Alumina
KA 25
Alcoa Product**

Product Information

KA25 is a medium soda, high surface area alumina produced at the Kwinana refinery. It is a coarse, sandy alumina with low chemical impurities.

Applications

- Fused alumina

Typical Properties of KA25 Calcined Alumina

Chemical Analyses wt %	Shipping Limits	Typical Range ⁽¹⁾
Al ₂ O ₃	99.0 min	99.6 - 99.7
Na ₂ O	0.30 max	0.18 - 0.25
SiO ₂	0.030 max	0.012 - 0.024
Fe ₂ O ₃	0.030 max	0.008 - 0.017
CaO	0.070 max	0.040 - 0.057

Particle Size (cumulative) ⁽²⁾

% on 100 mesh (150 µm)	10 max	1 - 10
% on 325 mesh (45 µm)	84 min	91 - 98

Physical Analyses

Surface Area (BET) m ² /g	80 max	61 - 68
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1) Approximately 2 standard deviations around the mean.

2) Electroform Screens

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Alcoa.