Calcined Alumina – Al_2O_3

vimetco alum

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TECHNICAL SPECIFICATION SP 134 – 01

1. PRODUCER: S.C. ALUM S.A. Tulcea
2. TECHNICAL CHARACTERISTICS:

Characteristics	Specification
Al_2O_3	min. 98.50 %
SiO_2	max. 0.018 %
Fe_2O_3	max. 0.020 %
Na_2O_T	max. 0.38 %
CaO	max. 0.060 %
P_2O_5	max. 0.0025 %
K_2O	max. 0.018 %
Ignition loss (300°C -1000°C)	0.5 – 1.0 %
Specific surface	60 – 80 m^2/g
αAl2O3 content	max. 10 %
Angle of repose	30° – 35°
Aluminium hydrate content	max. 0.5 %
Grain size:	
Fraction >150 µm	max. 10%
Fraction < 45 µm	max. 12%

Product details
Calcined alumina is a white powdery product.

Packing
- in bulk;
- in big bags of approx. 1 MT, wood pallet (as per customer requirement)

Use
Calcined alumina is used in aluminium smelting process, ceramics (structural and technical), refractory industries, grinding media, body and vehicle armor.

Loading and delivery
- In bulk, by road tanks/rail tanks/vessels;
- Packed in 1 MT big bags, by truck/railcars;

Storage
It is not necessary to have special conditions for storage. During handling operation it is necessary to avoid dust rising.

Due to the hygroscopic nature of the product, proper handling and storage is requested

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