

Metallurgical alumina

Metallurgical alumina is a white, crystalline form of aluminum oxide, Sandy type, smelter-grade.

Technical data

Properties	Chemical characteristics		
	unit	Typical value	Guarantee value
Al ₂ O ₃	%	98.8 – 99,0	98,7
SiO ₂	%	0,005 – 0,010	0,015 max
Fe ₂ O ₃	%	0,008 – 0,012	0,018 max
Na ₂ O	%	0,30 – 0,35	0,42 max
CaO	%	0,018 – 0,025	0,030 max
P ₂ O ₅	%	0,0002 – 0,0005	0,0009 max
TiO ₂	%	0,0020 – 0,0027	0,003 max
ZnO	%	0,012 – 0,020	0,022 max
Properties	Physical characteristics		
	unit	Typical Value	Guarantee Value
Specific surface area BET	m ² /g	75 - 90	70 min
Bulk Density	kg/m ³	1000 - 1050	1070 max
LOI (300-1000°C)	%	0,6 – 0,9	1,00 max
Angle of repose	°	32 - 34	35 max
> 45 microns	%	88 - 95	85 min
< 20 microns	%	1,0 – 2,0	2,5 max

The above values have been determined by the measuring methods and instruments of Nova Alumina doo Zvornik.

Applications Primarily use in the production of aluminum, and metallurgy ceramic, refractories, glazing.

Packaging

We offer different types of packaging depending on your production needs:

Type of packing	Bulk (t)	Big bags (kg)		Small bags (kg)	
Logistic units	Silo truck	Per pallet	Big bags - different types	Per pallet	Small bags – different types
Mass per logistic unit	25	1000, 1100, 1200		1000	15, 20, 25

Specific type of packaging can be offered on demand.

Logistics

In order to meet your requirements in terms of delivery, we offer different logistic solutions.

Our basic offer in terms of TRANSPORTATION is:

Type of Transportation	Road transportation	Rail transportation
Packaging	In bulk or in bags on pallet.	In bulk or in bags on pallet.

Other type of delivery on demands.