

## White alumina

White alumina is low-calcined alumina with increased whiteness applicable in different non-metallurgical programs.

### Technical data

Properties	Chemical Characteristics		
	unit	Typical Value	Guarantee Value
Al <sub>2</sub> O <sub>3</sub>	%	98.8 – 99,0	98,7
SiO <sub>2</sub>	%	0,005 – 0,010	0,015 max
Fe <sub>2</sub> O <sub>3</sub>	%	0,008 – 0,012	0,018 max
Na <sub>2</sub> O	%	0,25 – 0,40	0,45 max
CaO	%	0,018 – 0,025	0,030 max
P <sub>2</sub> O <sub>5</sub>	%	0,0002 – 0,0005	0,0009 max
TiO <sub>2</sub>	%	0,0020 – 0,0027	0,003 max
ZnO	%	0,017 – 0,025	0,028 max
Properties	Physical Characteristics		
	unit	Typical Value	Guarantee Value
Specific surface area BET	m <sup>2</sup> /g	70 - 90	65 min
Bulk Density	kg/m <sup>3</sup>	950 - 1000	1050 max
LOI (300 - 1000°C)	%	0,6 – 1,0	1,2 max
Moisture Content (0–300 °C)	%	0,6 – 2,0	2,5 max
Angle of repose	°	32 - 34	35 max
D50	µm	40– 55	60 max
> 45 microns	%	40 - 50	55 max

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

**Applications** Can be used in non-metallurgical program, for many applications such as floor coatings, abrasive blasting, grinding, matting, cleaning, derusting, etc.

### 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, 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.