

ALUMINIUM HYDROXIDE DRY

HydrAl 50

ATH is obtained as a result of aluminum solutions decomposition in the course of Bayer process of alumina production and has a wide range of applications across industries due to its versatility.

Technical data

Properties	Chemical Characteristics		
	unit	Typical Value	Guarantee Value
Al(OH) ₃	%	99,5 – 99,8	99,5 min
SiO ₂	%	0,003 – 0,007	0,009 max
Fe ₂ O ₃	%	0,005 – 0,008	0,012 max
Na ₂ O	%	0,18 – 0,25	0,30 max
CaO	%	0,012 – 0,016	0,020 max
P ₂ O ₅	%	0,0001 – 0,0003	0,0006 max
TiO ₂	%	0,0013 – 0,0018	0,002 max
ZnO	%	0,015 – 0,018	0,02 max
Properties	Physical Characteristics		
	unit	Typical Value	Guarantee Value
Moisture Content (105° C)	%	0,1 – 0,3	0,5 max
LOI (1000° C)	%	34,0 – 34,5	35,0 max
D50	µm	45 – 55	65 max
> 45 microns	%	50 – 60	70 max
Whiteness	%	93 – 96	92 min
Bulk density	kg/m ³	950 – 1050	1100 max

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

Applications

It is used as a raw material in different areas - production of anhydrous alumina of different physical and chemical characteristics in industry of glass, glazes and frits, in fibred cement board products, as flame retardant in cable industry, 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	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.