

**ALUMINUM HYDROXIDE DRY**  
**HydrAl 100 LSC**

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) <sub>3</sub>	%	99,5 – 99,8	99,5 min
SiO <sub>2</sub>	%	0,003 – 0,005	0,006 max
Fe <sub>2</sub> O <sub>3</sub>	%	0,004 – 0,006	0,008 max
Na <sub>2</sub> O	%	0,04 – 0,06	0,06 max
CaO	%	0,003 – 0,008	0,010 max
P <sub>2</sub> O <sub>5</sub>	%	0,0001 – 0,0003	0,0006 max
TiO <sub>2</sub>	%	0,0013 – 0,0018	0,002 max
ZnO	%	0,005 – 0,007	0,008 max
Properties	Physical Characteristics		
	unit	Typical Value	Guarantee Value
Moisture Content (105° C)	%	0,1 – 0,2	0,5 max
LOI (1000° C)	%	34,0 – 34,5	35,0 max
D50	µm	95 – 120	125 max
> 45 microns	%	85 – 90	80 min
pH (10% water suspension)		7 – 8	9 max
Conductivity (10% suspension)	µS/cm	20 – 40	60 max

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

**Applications** - 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.