

TECHNICAL DATA SHEET

ALUMINIUM HYDROXIDE DRY

**HYDRAL 7**

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 – 0,007	0,009 max
Fe <sub>2</sub> O <sub>3</sub>	%	0,006 – 0,010	0,012 max
Na <sub>2</sub> O	%	0,12 – 0,18	0,25 max
CaO	%	0,006 – 0,008	0,015 max
ZnO	%	0,014 – 0,018	0,025 max
Properties	Physical Characteristics		
	unit	Typical Value	Guarantee Value
Moisture Content (105° C)	%	0,2 – 0,6	0,8 max
LOI (1000° C)	%	34,0 – 34,5	35,0 max
Whiteness	%	93 – 96	92 min
Bulk density	kg/m <sup>3</sup>	550 – 700	500 min
Oil Absorption (Linseed oil)	ml/100g	25 – 30	35 max
D10	µm	1 – 3	4 max
D50	µm	5 – 8	10 max
D90	µm	12 – 15	17 max
< 45 microns	%	95 – 100	95 min

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

**APPLICATIONS**

For catalyst production, ceramic industry, refractory materials, cement industry, glass industry, filler in different areas etc. Additionally, it is utilized in water purification processes to remove impurities.

**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	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.

