

ALUMINIUM HYDROXIDE DRY  
**HYDRAL 25**

**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 – 0,006	0,008 max
Fe <sub>2</sub> O <sub>3</sub>	%	0,005 – 0,008	0,010 max
Na <sub>2</sub> O	%	0,20 – 0,30	0,35 max
CaO	%	0,008 – 0,012	0,015 max
CuO	%	0,0010 – 0,0020	0,0025 max
TiO <sub>2</sub>	%	0,0013 – 0,0018	0,002 max
ZnO	%	0,0008 – 0,012	0,015 max
Properties	Physical Characteristics		
	unit	Typical Value	Guarantee Value
Moisture Content (105° C)	%	0,1 – 0,3	0,3 max
LOI (1000° C)	%	34,0 – 35	35,0 max
D50	µm	22 – 28	20 min
Whiteness	%	94 – 96	92 min
Bulk density	kg/m <sup>3</sup>	900	950 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.

**PACKAGING**

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

Type of packing	Bulk (t)	Big bags (kg)		Small bags (kg)	
<b>Logistic units</b>	Silo truck	Per pallet	Big bags - different types	Per pallet	Small bags - different types
<b>Mass per logistic unit</b>	25	750, 1000, 1500		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
<b>Packaging</b>	In bulk or in bags on pallet.	In bulk or in bags on pallet.

*Other type of delivery on demands.*

