

TECHNICAL DATA SHEET

ALUMINIUM HYDROXIDE DRY

HYDRAL 10

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	%	0,006 – 0,010	0,012 max
Na ₂ O	%	0,04 – 0,08	0,10 max
CaO	%	0,008 – 0,010	0,012 max
ZnO	%	0,010 – 0,014	0,015 max
Properties	Physical Characteristics		
	unit	Typical Value	Guarantee Value
Moisture Content (105° C)	%	0,2 – 0,5	0,5 max
LOI (1000° C)	%	34,5 – 35,5	35,0 max
Whiteness	%	92 – 94	90 min
Bulk density	kg/m ³	600 – 750	550 min
Oil Absorption (Linseed oil)	ml/100g	20 – 30	35 max
D10	µm	2 – 4	5 max
D50	µm	8 – 10	12 max
D90	µm	15 – 20	25 max
< 45 microns	%	95 – 100	95 min

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

APPLICATIONS

Main application: 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)		
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.

