

ALUMINIUM 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) ₃ | % | 99,5 – 99,8 | 99,5 min |
| SiO ₂ | % | 0,003 – 0,005 | 0,006 max |
| Fe ₂ O ₃ | % | 0,004 – 0,006 | 0,008 max |
| Na ₂ O | % | 0,04 – 0,06 | 0,06 max |
| CaO | % | 0,003 – 0,008 | 0,010 max |
| P ₂ O ₅ | % | 0,0001 – 0,0003 | 0,0006 max |
| TiO ₂ | % | 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 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.

