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| Karakaj bb, 75400 ZvornikRepublic of Srpska, Bosnia and HerzegovinaPhone: +387 (0) 56 / 260 970, 260 435Fax: +387 (0) 56 / 260 726<http://www.aluminazv.ba>  | ***„*Alumina” d.o.o.** logo cist za memorandrun reversa**Zvornik** |

**PRODUCT DATA SHEET**

**CALCINED ALUMINA – WHITE**

Main application: For non-metallurgical programs.

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| **Chemical Characteristics** |
|  **Typical content**  **Guaranteed limits** |
| Al2O3  | [%] | 98.8 – 99,0 | 98,7 min |
| SiO2  | [%] | 0,005 – 0,010 | 0,015 max |
| Fe2O3   | [%] | 0,008 – 0,012 | 0,018 max |
| Na2Ototal  | [%] | 0,25 – 0,40 | 0,45 max |
| CaO  | [%] | 0,018 – 0,025 | 0,030 max |
| P2O5 | [%] | 0,0002 – 0,0005 | 0,0009 max |
| TiO2 | [%] | 0,0020 – 0,0027 | 0,003 max |
| ZnO  | [%] | 0,017 – 0,025 | 0,028 max |

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| **Physical Characteristics** |
|  **Typical range** **Guaranteed limits** |
| Specific surface area BET  | [m2/g] | 70 - 90 | 65 min |
| Bulk Density | [kg/m3] | 950 - 1000 | 1050 max |
| Loss on ignition L.O.I. (300°C -1000°C) | [%] | 0,6 – 1,0 | 1,2 max |
| Moisture (100 °C) | [%] | 0,6 – 2,0 | 2,5 max |
| Angle of repose | [°] | 32 - 34 | 35 max |
| d50 | [µm] | 40– 55 | 60 max |

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| --- | --- | --- | --- |
| + 45 μm (wet sieve) | [%] | 40 - 50 | 55 max |

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

Product is available in bulk, containers or packaged depending on our customer requirements and available for delivery in the following modes of transport:

* Road - silo trucks, silo containers, pallets
* Rail - bulk and pallets

Compliance: This product is REACH compliant, ask Alumina doo for the associated REACH

registration details.