

WHITE FUSED ALUMINA-CORUNDUM

WHITE FUSED ALUMINA is a white corundum that has high hardness, high temperature resistance, chemical stability and purity. These excellent material properties make White Fused Alumina more and more widely used in industrial production today.

TECHNICAL DATA

Properties	Chemical Characteristics		
	unit	Typical Value	Guarantee Value
Al ₂ O ₃	%	99,5 – 99,8	99,2 min
SiO ₂	%	0,005 – 0,010	0,014 max
Fe ₂ O ₃	%	0,008 – 0,012	0,016 max
Na ₂ O _{total}	%	0,07 – 0,1	0,1 max
CaO	%	0,006 – 0,012	0,014 max
MgO	%	0,0002 – 0,0005	0,0008 max
P ₂ O ₅	%	0,0002 – 0,0005	0,0009 max
TiO ₂	%	0,0020 – 0,0027	0,003 max
ZnO	%	0,008 – 0,012	0,015 max
Properties	Physical Characteristics		
	unit	Typical Value	Guarantee Value
Specific gravity	g/cm ³	3,8 – 4,0	3,8 min
Bulk Density	kg/m ³	1500 – 1700	1500 min
Melting point	°C	2040 – 2080	2000 min
Typical size	mm	0 – 80	100 max

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

APPLICATIONS

Raw materials for abrasives and polishing products, production of whetstone and honing whetstone ceramic industry, alumina ceramic membranes, alumina foam ceramics, semiconductor industry, production of hard alloys, casting industry, composite materials, etc.

PACKAGING

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

Type of packing	Bulk (t)	Big bags (kg)	
Logistic units	Truck	Per pallet	Big bags - different types
Mass per logistic unit	25	1000	

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.

