

## White Aluminum oxide

White Aluminum oxide (White Fused Alumina), is made from the imported high quality alumina by melting above 2000°C in the electric arc furnace in our plant. It is pure white color with the main crystal phase  $\alpha\text{-Al}_2\text{O}_3$ . White fused Aluminum oxide produced in the tilting furnace has the advantage of high bulk density and low porosity, thus the volume stability and thermal shock resistance can be improved.

Application:

Abrasives: white fused alumina used in bonded abrasives and coating abrasives. It is suitable for the grinding high-speed, high carbon steel, etc

Chemical Typical Specification:

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O
99.53	0.05	0.06	0.35

Physical specification:

Color	Brilliant White
Shape	Angular and Sharp
Crystalline Phase	$\alpha\text{-Al}_2\text{O}_3$
Crystal size	600~1400
True Specific Gravity	$\geq 3.9 \text{ g/cm}^3$
Bulk Density	1.5~1.95 $\text{g/cm}^3$
Mohs hardness	9.00 min
Refractoriness	1850 °C min

Grit Available: FEPA-F standard F12~F220

## Applications

Blasting Media, Refractories, Body and Vehicle Armor, Microdermabrasion, Grinding, Polishing, Lapping, Metal Preparation, Anti-Slip, Laminates, Coatings, Filtration, Abrasives, Refractory, Milling.

Packing Available:

In 25kg plastic woven bags;

In 1000kg big bags,

40 x 25kg plastic woven bags into one big bags, 40 x 25kg plastic woven bags on pallets,

40 x 25kg paper bags on pallets,

According to client's requirement.

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