



WHITE FUSED ALUMINUM OXIDE

White Fused Aluminum Oxide was made from the high-quality alumina by melting above 2000 in the electric arc-furnace and cooling. It is white with the main crystal phase $\alpha\text{-Al}_2\text{O}_3$. The white alumina produced in titling electric arc furnace has the advantage of high bulk density and low porosity and the volume stability and thermal shock resistance can be improved.



PHYSICAL PROPERTIES:

Specific Weight	3.96 g/ cm ³	Crystal form	$\alpha\text{-Al}_2\text{O}_3$
Mohs Hardness	9.0	Melting Point	2250C°

TYPICAL CHEMICAL ANALYSIS [%]:

Refractory, Casting, Foundry, Painting, Etc.						
Size	Al ₂ O ₃	Fe ₂ O ₃	MgO	CaO	Na ₂ O	K ₂ O
0-1mm 1-3mm 3-5mm 5-8mm	≥99.5	≤0.06	≤0.02	≤0.02	≤0.30	≤0.02
200F 325F	≥98.5	≤0.20	≤0.05	≤0.05	≤0.40	≤0.05

Abrasives, Blasting, Ceramic, Floor Coating, Etc.					
Al ₂ O ₃	99.5	CaO	0.01	Na ₂ O	0.25
Fe ₂ O ₃	0.04	MgO	0.01	K ₂ O	0.01

Grinding, Polishing, Lapping, Whetstone, Ceramic, Etc.							
Al ₂ O ₃	99.2-99.6	SiO ₂	≤0.02	CaO	≤0.01	K ₂ O	≤0.02
Fe ₂ O ₃	0.03-0.10	MgO	≤0.01	Na ₂ O	0.20-0.30	LOI	< 0.09

**Integrity
 Diligence
 Gratefulness**



Technical Data Sheet

PARTICLE SIZE DISTRIBUTION:

FEPA STANDARD: F8, F10, F12, F14, F16, F20, F22, F24, F30, F36, F46, F54, F60, F70, F80, F90, F100, F120, F150, F180, F220, F230, F240, F280, F320, F360, F400, F500, F600, F800, F1000, F1200, F1500, F2000

JIS STANDARD: #240, #280, #320, #360, #400, #500, #600, #700, #800, #1000, #1200, #1500, #2000, #2500, #3000, #4000, #8000

MAINLY APPLICATIONS:

- Bonded Abrasives and Coated abrasives
- Creating a matt finish on glass
- Wet and dry blast media, grinding and polishing etc.
- Floor/Wall laminates, Wear-resistant
- Thermal spraying/plasma spraying, Processing very hard component
- Catalyst Carrier
- Ceramic and Tiles, Ceramic filter plate, ceramic membrane etc.
- Grinding wheels, Cup wheels, Whetstone, polishing pads etc.
- Blast-cleaning, surface finishing, Deburring, Roughening metallic surfaces

PACKAGING:



25Kgs PVC Bags



1MT Big Bag



25Kgs PVC Bags - Pallet

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