



White Aluminum Oxide

Technical Data Specification – Typical

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 α -Al₂O₃. 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 ₂ O ₃	SiO ₂	Fe ₂ O ₃	Na ₂ O
99.53	0.05	0.06	0.35

Physical Specification:

Color	Brilliant White
Shape	Angular and Sharp
Crystalline Phase	α -Al ₂ O ₃
Crystal size	600~1400
True Specific Gravity	≥3.9 g/cm ³
Bulk Density	1.5~1.95 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.

Packaging: 1 Ton Jumbo Bags / 25 Kg PP or Paper Bags