

PRODUCT DATA SHEET & MATERIAL SAFETY DATA SHEET

Identification of the Chemical and the Origin

Product : White Fused Alumina for Abrasives, Sandblasting,
Polishing, Refractories (Refractory Bricks, Crucibles, Unshaped Refractories)
Other Names : White Fused Aluminium Oxide, White Corundum, White
Aluminum Oxide
Country of Origin : China
Manufacturer of Material : Luoyang Zhongsen Refractory Co., Limited

Picture of Product:



Physical Specifications & Package

Main Content : α -Al₂O₃
Specific Gravity : ≥ 3.60 g/cm³
Bulk Density : 1.5-2 kg/m³
Hardness : 9 MOHS
Color : White
Melting Point : 2350°C
Coefficient of Linear Expansion : $(7 - 9) \times 10^{-6}/K$ (0 - 1600 °C)
Sizes Available : 0-1mm, 1-3mm, 3-5mm, 5-8mm, 8-12mm, 0-0.2mm etc
Package : Jumbo Bag, 25kg Bag and 40 Bags on a Pallet



Luoyang Zhongsen Refractory Co., Limited

Yaowan Village, South Dukang Road, Yichuan County, Luoyang City, Henan Province, P.R. CHINA

TEL: 0086-379-69351288 WEB: www.zhongsen-refractory.com

Chemical Analysis(Typical)

SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	Na ₂ O
0.07	99.55	0.03	0.26

Health Hazard Information

Health Effects

Swallowed	: May cause harm to body, seek medical help.
Eye	: Irritation may result if recommended exposure limits are Exceeded
Skin	: No harm to skin.
Inhaled	: Dust in excess of recommended exposure limits may result In irritation of the respiratory tract.

First Aid

Swallowed	: May cause harm to body, seek medical help.
Eye	: Rinse with water, seek medical help if necessary.
Skin	: No harm to skin.
Inhaled	: Remove to fresh air

Advice to Doctor

Chronic lung conditions may be aggravated by exposure to high concentration of dust.

Precautions for use

Exposure Limits	: Nuisance Dust
Ventilation	: Local exhaust recommended in case of dusting



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Personal Protection	: Approved eye goggles & dust mask to be worn in dusty Conditions
Flammable	: Non-flammable

Safe Handling Information

Storage and Transport	: Care should be taken to avoid dusting
Spills and Disposal	: Spillage may result in slippery conditions
Fire / Explosion Hazard	: None
Other Information	: (Material to avoid) – Hydrofluoric Acid Use standard good manufacturing practices when handling Material.