



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

PRODUCT DATA SHEET & MATERIAL SAFETY DATA SHEET

Identification of the Chemical and the Origin

Product	: Bubble Alumina
Country of Origin	: China
Manufacturer of Material	: Luoyang Zhongsen Refractory Co., Limited
Features	: Low Weight, Low Density, High Surface Porosity

Picture of Product:



Manufacturing Process & Applications

Bubble Alumina is a new type refractory material made from electro-fusion high grade industrial alumina. It is a white hollow sphere alumina raw material. It's obtained from electro-fusion of high grade alumina in electric furnace, and shaped by pressed air blow.

Physical Specifications & Package

Main Content	: α -Al ₂ O ₃
Bulk Density	: 0.5-1 g/cm ³
Color	: White
Refractory Temperature	: 1800°C
Sizes Available	: 0.2-5mm, 0.2-1mm, 1-2mm, 2-3mm, 3-5mm etc
Package	: Jumbo Bag, 25kg Bag and 40 Bags on a Pallet



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Chemical Analysis

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	Na ₂ O
≥ 99%	≤ 0.2%	≤ 0.2%	≤ 0.4%

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.
