

PRODUCT DATA SHEET & MATERIAL SAFETY DATA SHEET

Identification of the Chemical and the Origin

Product	: Brown Fused Alumina for Bonded Abrasives, Coated Abrasives, Refractories, Sandblasting, Polishing, Surface Preparation
Other Names	: Brown Fused Aluminium Oxide, Brown Aluminum Oxide, Brown Corundum, BFA, Korund, Corindon Marron
Country of Origin	: China
Manufacturer of Material	: Luoyang Zhongsen Refractory Co., Limited
Features	: High Density, Clean Material, Good Chemical Content
Picture of Product:	



Physical Specifications & Package

Main Content	: Al ₂ O ₃ (Aluminum Oxide)
Specific Gravity	: ≥ 3.90 g /cm ³
Bulk Density	: 1.4-2.3 kg / m ³
Hardness	: 9 MOSH
Color	: Brown
Melting Point	: 2300°C
Sizes Available	: 0-1mm, 1-3mm, 3-5mm, 5-8mm, 8-12mm, 0-0.2mm, F8-F2000, P8-P2000, other sizes available to request
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	TiO ₂
1.38%	95.23%	0.16%	2.22%

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.
