

Contact Manufacturer

Zhengzhou Haixu Abrasives Co.,Ltd

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TECHNICAL DATA SHEET

DATE: April 20nd 2016

PRODUCT: Brown Aluminum Oxide

NAME: Brown Aluminum Oxide

Al₂O₃ CONTENT: 94.5% MIN.

DESCRIPTION:

Brown Aluminum oxide is made from Calcined Bauxite. It is a hard and tough material, used in manufacturing of grinding wheels (both vitrified and resin bonded) and coated products. These grains are also used for shot blasting and as polishing media. Refractory grade BFA is used as a raw material in the manufacture of high alumina refractory.

TYPICAL CHEMICAL ANALYSIS [%]:

Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	FeO	MgO	CaO	TiO ₂	Na ₂ O	K ₂ O	LOI
≥94.5	≤0.50	≤1.60	/	/	/	3.00	/	/	< 0.09

PHYSICAL PROPERTIES

Specific Weight	Hardness	Crystal form	Melting Point
3.96 g/ cm ³	9.0Mohs scale	Alpha Alumina	2050

PARTICLE SIZE DISTRIBUTION

F220	+106um	0	+75um	≤15	+63um	*	+63+53um	≥40	-45um	*
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MOSTLY USED AS :

- Abrasives,Abrasive tools
- Beauty field such as Dermabrasion,Polishing dental,toothbrush
- Grinding,Blasting
- Cleaning Nozzles Castable etc

The shown values are typical characteristics of the material and shall not be used to prepare specifications. They are submitted to tolerances of the production and meet the present standard of technique. We reserve our right for changes within the scope of technical progress or internal improvement..