

SGS,BV, TUV Rhieinland certificated Company

ZIBO HUAO NEW MATERIALS CO.,LTD

淄博华澳新材料有限公司

**Asset Management | Engineering & Mechanical | Process Equipment
| Wear Prevention | Grinding | Refractory Raw Materials**

*Delivering excellence in wear prevention products and service to the hard rock industry
, Including cast basalt, cast silicon carbide and alumina*



92% & 95% Alumina Ceramic Tile

All kinds of shapes for instance square shape, rectangle shape, trapezoid, cylinder and some special shape.

Product introduction

- The products—alumina ceramic have characteristic with wear resistance, shock resistance, corrosion resistance, enduring high temperature, easy to construction and so on. They are ideal surface wear resistance materials for conveyer equipment of electricity, metallurgy, coal, petroleum, cement, chemical engineering, mechanical industry material. And very safe and reliable when used under high-temperature corrosion, high temperature abrasion or high temperature erosion, with service life 10 to 20 times that of cast stone, wear resistant alloy cast steel, steel plastics and steel rubber.
- Fixing: Welding or sticking
- Wear resistant alumina grinding media is media for ball mill Stirred mill, splittings machine, polishing machine, sand mill etc.
- Product features including low wear loss, high hardness, corrosion resistance, anti impact, economical and practical.
- It can save maintain cost, extend the life of machines.





DETAILINFORMATION/INDEX

项目/产品 ITEM/PRODUCT	HA 92	HA 95	ZTA
AL ₂ O ₃ (%)	92±0.5	95±0.5	76±0.5
ZrO ₂ (%)			20
抗弯强度 (MPa) Bending Strength	> 220	> 280	> 400
断裂韧性 (MPam 1/2) Fracture Toughness	> 3.60	> 3.90	> 4.50
洛氏硬度 (HRV) Rockwell Hardness	> 82	> 88	> 90
磨损体积 (cm³) Wear Volume	< 0.50	< 0.30	< 0.15

Size	Length(mm)	Width(m m)	Thickness (mm)	Shape
10x10	10	10	1.5-10	Mosaic/hex agonal
11.55x1 1.55	11.55	11.55	3-12	Mosaic/hex agonal
12x12	12	12	3-12.7	Mosaic/hex agonal
17.5x17. 5	17.5	17.5	4-10	Mosaic/hex agonal
20x20	20	20	5-15	Mosaic/hex agonal
25x25	25	25	5-15	Mosaic/hex agonal
50x25	50	25	5-10	Plain Tile without hole
50x50	50	50	5-15	Plain Tile without hole
100x100	100	100	6-15	Plain Tile with or without hole
150x100	150	100	6-100	Plain Tile with or without hole



Details of size



Application		System	Application
		Coal conveying system	Coal conveying pipeline
			Belt joint hopper
			Coal hopper
			Raw coal hopper
			Coal feeder
		Coal pulverizing system	Coal mill drum
			Chute and hopper lining
			Outlet pipeline
			Primary air pipe and elbow
			Pulverized coal pipe and elbow
		Dust removing/disposing system	Burner pipeline
			Dust removing pipe and elbow
			Fine fly ash pipe
			Slay removal
			Dry ash pipe
		Limestone crushing and raw fuel preblending system	Chute
			Hopper
		Raw fuel grinding, homogenization and storage system	Vertical mill feed chute
			Vertical mill air-intake lining board
			Vertical mill scraper plate
			Separator
			Cyclone
		Firing system	Fan impeller and shell
			Mill outlet elbow and expansion joint
			Tertiary air duct
			Elbow of the inlet or outlet of humidifier tower
			Elbow from grate cooler to electrostatic precipitator
		Cement grinding system	Kiln head electrostatic precipitator tail air pipe elbow
			Discharge
			Vertical mill feed chute
			Mill outlet elbow and expansion joint

In mineral processing industry

System	Application area
Material conveying system	Hopper
	Bunker lining
	Mixing bine
Compounding ingredients system	Primary mixing drum
	Secondary mixing drum
Sintered materials conveying system	Mineral processing hopper under vibrating screen
	Long distance mineral processing hopper and bunker
Dust removal and discharge system	Dust removing pipe
	Dust collecting pipe
	Machine tail dust removing pipe

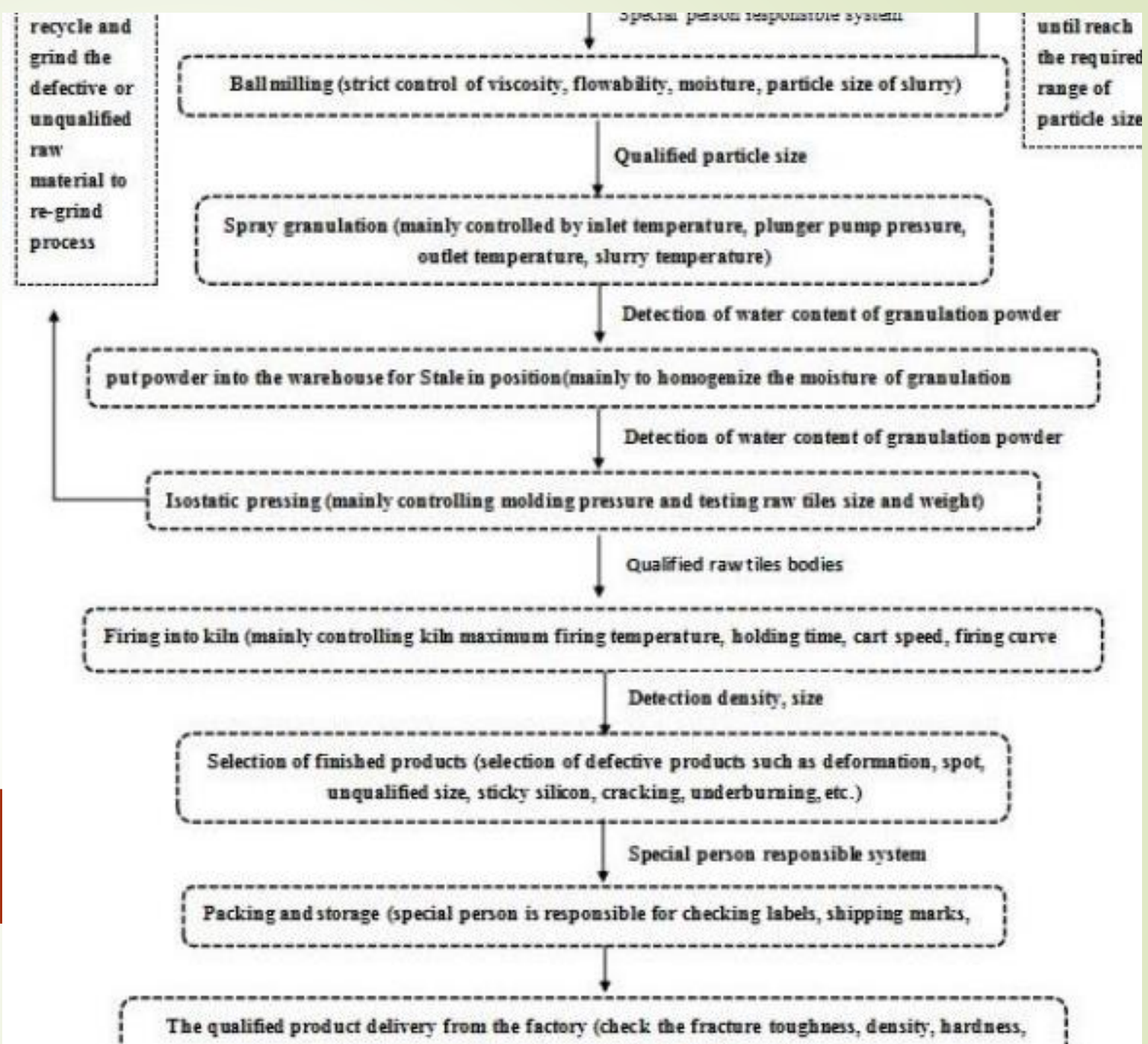
In steel industry

system	Application area
Materials conveying system	Concentrate pipeline
	Tailing pipeline
	Backfill mineral
Grinding system	Chute and hopper lining
	Outlet pipeline
Mineral processing system	Vibrating chute
	Cyclone
	Entrifugal dehydrator

In coal preparation industry

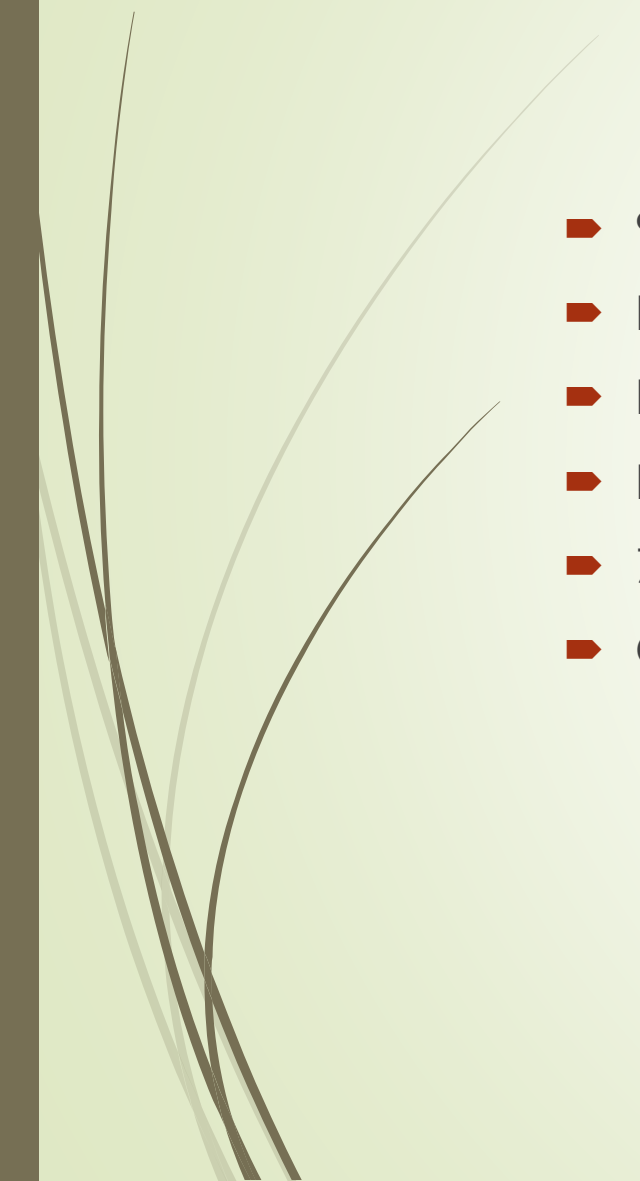
System	Application area
Conveying system	Medium conveying pipeline
	Coal washery equipment feeding pipeline
	Coal washery equipment discharge pipeline
	Non-pressure gravity flow pipeline
	Coal washery conveying pipeline
Mining equipment	Horizontal screen bowl centrifuge
	Horizontal vibratory screen centrifuge
	Horizontal coal slurry scroll/screen centrifuge
	Automatic flocculent make-up system
	cyclone

Produce process





Other Services

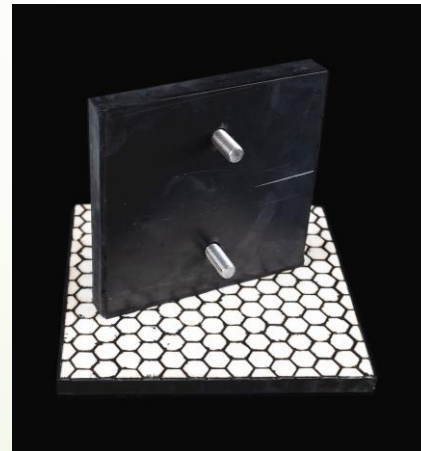


- 96%, 99% ALUMINA PRODUCTS, customized Service
- Professional teams for designing
- Provide free sample if we have mold
- Provide test report before dispatch
- 7x24 hours services
- Own logistics company, delivery cargoes in time

Factory Show



Product photos



Project photos



Project photos



Package



THANK YOU

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Zibo Huao New Materials Co., Ltd

We are specially engaged in providing, process and sales of high-alumina wear-resistant products, good heat resistant products, abrasive resistant equipment and machines.

