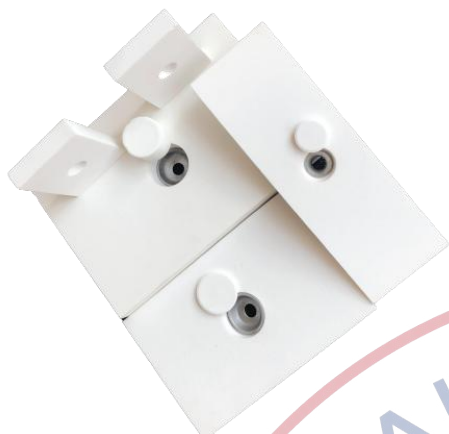


ALUMINA LINING PLATE



Application:

Wear-resistant material for all mechanical equipment exposed to heavy abrasion, material delivery systems, pulverizing systems, ash or dust removing systems in thermal power generation, iron and steel works, smelting, machinery, coal, mining, chemical, cement and harbors.

PROPERTIES:

The main function is to effectively resist the impact of material on the pipe wall, which can effectively prolong the service life of the equipment.

1. High hardness

It Rockwell hardness is HRA80-90, second to only diamond and far better than wear-resistant steel and stainless steel.

2. Good wear-resistant performance

Its wear resistance is 266 times that of manganese steel and 171.5 times that of high chromium cast iron. From our customer follow-up over the past decade, under the same load, it can extend the equipment service life by at least 10 times.

3. Low density

Its density is 3.6-3.65g/cm³, just half of iron and steel, which greatly reduces the equipment load.

Chemical Composition & Technical Parameter

Item	AK-92	AK-95
Al ₂ O ₃ (%)	≧ 92	≧ 95
Bulk DENSITY (g/cm ³)	≧ 3.60	≧ 3.65
Hardness (mohs)	9	9
Wear Loss (%)	≧ 0.01	≧ 0.01
Color	White	White

SIZE

Length (mm)	Width (mm)		Thickness (mm)	
	W1	W2	H1	H2
150	100	/	40	6-50
150	60	57-58	12.7-14	/
125	75	/	6-50	/
120	80	/	6-30	/
100	70	/	20	25
70	50	/	6-25	/

Customized: Particle size can be prepared according to customer's requirement.