

Alumina ceramic liner tiles



The product is made of special wear-resistant ceramics made by dry pressing and high temperature calcination. The Rockwell hardness is HRA80-90, and the hardness is second only to diamond. The product has the characteristics of wear resistance, impact resistance and convenient construction. Products are widely used in steel, electricity, coal, cement and other material handling equipment and the

inside and outside surfaces of equipment, which can effectively extend the service life of equipment.

Alumina liner specifications



Specification	Length(L)	Width(W)	Thickness(H)
Flat liner	50-200mm	25-150mm	6-50mm
Welding liner	50-150mm	30-150mm	8-30mm
Pipeline liner	50-150mm	20-150mm	8-30mm

Product	Length(L)	Width(W)	Thickness(H)	Characteristic
10×10	10	10	3-10	Can paste
17.5×17.5	17.5	17.5	4-10	Can paste
20×20	20	20	4-10	Can paste
24×24	24	24	4-10	Can paste

Product	92series	95series
AL2O3(%)	≥92	≥95
Moh's hardness	≥9	≥9
Water absorption(%)	≤0.02	≤0.02
Fracture toughness(MPa)	3.65	3.75
Bulk density g/cm ³	255	275
Compressive strength(MPa)	≥3.60	≥3.65
Thermal Conductivity(W/m.k)	≥850	≥900
Flexural strength(MPa)	16.8	16.8

Applications

- 1) Ceramic shaft for filter pump of aquatic animal equipment
- 2) Ceramic plunger of high pressure cleaner.
- 3) Wear-resistant, acid and alkali resistant and high-strength ceramic components are suitable for petroleum, chemical and chemical industries.
- 4) Wear-resistant and corrosion-resistant parts are suitable for precision machinery.

Features

- 1) A variety of specifications available.
- 2) Satisfy various technical request
- 3) Lower medium spoilage
- 4) Good insulation performance and high temperature resistance
- 5) Excellent wear resistance

