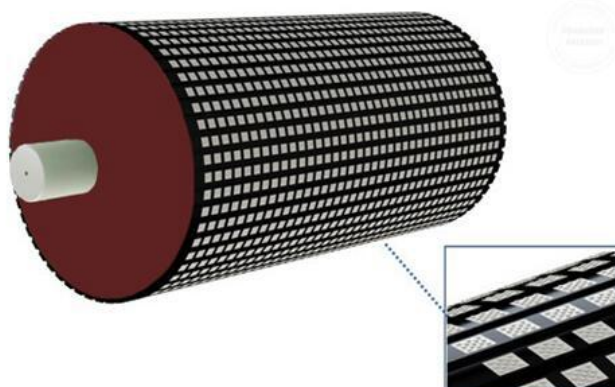


Ceramic liner with studs

Alumina ceramic tile with studs are designed to increase the coefficient of friction in the surface

Products description :

Alumina ceramic tile with studs are designed to increase the coefficient of friction in the surface of rubber **ceramic wear liner** when it is vulcanized in rubber sheet .they will provide a longer service life for rubber ceramic sheet when bulk materials slide down along the equipment surface . chemshun ceramics can offer various ceramic tiles with studs like: 19.95*19.95*4.5*0.6 with dimples,20*30*5 with 18 pieces dimples,20*20*8mm with 8 pieces dimples etc. Also this kind of ceramic tile with studs can be lined in rubber belt to enable wear resistance of the lagging and belt .



Product Characters :

- High hardness with Moh's hardness 9 grade
- High abrasion and chemical resistance
- Special dumps designed for more wear resistance
- Light weight with various sizes

More sizes available :

Ceramic lining pieces size	
17.5*17.5*5mm	19.95*19.95*4.5*0.6 with dimples
17.5*17.5*4mm	20*30*5 with 18 pieces dimples
17.5*17.5*3mm	20*20*4 with 13 pieces dimples
20*20*4/5/6mm	20*20*8mm with 8 pieces dimples
20*20*12/13mm	
25*25*4mm	
Note: more customized size available	





Application industry:

- > mining industry
- > Cement industry
- > Coal handling industry
- > Steel industry
- > Port industry
- > Power plant

Technical data

Chemical Composition:

Al ₂ O ₃	SiO ₂	CaO	MgO	Na ₂ O
92~93%	3~6%	1~1.6%	0.2~0.8%	0.1%

Physical properties:

Specific gravity (g/cc)	>3.60
Apparent porosity (%)	0
Flexural Strength (20°C, Mpa)	280
Compressive strength (20°C, Mpa)	850
Rockwell hardness (HRA)	80
Vickers hardness (hv)	1050
Moh's hardness (scale)	≥9
Thermal Expansion (20-800°C, x10-6/°C)	8
Crystal Size (μm)	1.3~3.0

