

# Abrasive Hex Lining Mat

Abrasive Hex lining mat as wear ceramic liner widely used in thermal power, iron and steel, metallurgy, mechanical, coal, mine, chemical, cement and other industries

## 1. Sample brief introduction:

- > Item:**Alumina Ceramic** Hex on Silk Mat
- > Sample size: 6mm hex ceramics on silk (121\*121mm)
- > Sample:Available
- > Materials:92% Al<sub>2</sub>O<sub>3</sub> or 95% Al<sub>2</sub>O<sub>3</sub>
- > Density:3.60 or 3.68
- > Moh's:9 scale
- > Application:Wear Resistant
- > Other hex ceramic size :hexagonal tile S12xT3mm, S12xT6mm, S12xT12mm, S12xT20mm
- > Finished ceramics size :120\*120mm , 150\*150mm, 300\*300mm, 500\*500mm on Nylon Net /sick b  
ack /paper back
- > OEM/ODM:Acceptable
- > HS Code:6909120000



## 2.Raw Material:

The [wear resistance ceramic liner](#) products are made from the high purity, super fine and single narrow particle high-quality grain alumina powder, which is spray-dried processing, formed by cold



isostatic pressing, firing on 1520 ° C~1650 ° C temperature. Subject to Al<sub>2</sub>O<sub>3</sub> content difference, we have 92%, 95%,abrasion resistance ceramics.

### 3. Advantage of the material:

#### 1)High hardness:

Its rockwell hardness is HRA80-90 and the Moh's hardness is up to 9 grade with is only less than diamond.And its abrasion-resistant is more better than steel and stainless steel;

#### 2)Superior Abrasion-resistance

Its abrasion-resistance is 171.5times of Chrome steel and 260 times of manganese steel materials and as per our customers' feedback, it could prolong the use life of equipment for more than 10years under same working conditions.

#### 3)Light weight

Its density is 3.6-3.75g/cm<sup>3</sup>, it is only half weight of steel, and could reduce the load on equipment.



### 4: Chemshun Ceramic tile liner package





## 5: Chemshun Wear Ceramic lining popular size :

| Ceramic hexagonal tile size          | Ceramic hexagonal mat (stick on silk /nylon net/paper) size |
|--------------------------------------|---|
| S12xT3mm                             | 300*300 mm 150x150mm  |
| S12xT6mm                             | 300*300   |
| S12*T13 mm                           | 300*300   |
| S12*T20 mm                           | 300*300   |
| S12*T24 mm                           | 300*300   |
| S12*T11 mm                           | 300*300   |
| Note: more customized size available |   |

