

Ceramic cube sheet in adhesive paper

Ceramic cube sheet in adhesive paper as wear resistant ceramic widely used in thermal power, iron and steel, metallurgy, mechanical, coal, mine, chemical, cement.

1. Sample brief introduction

--Item:**Wear resistant Ceramic** square cube on adhesive sticker

--Sample size: 3mm square ceramics on adhesive sticker (150*150mm)

--Sample:Available

--Materials:92% Al₂O₃ or 95% Al₂O₃

--Density:3.60 or 3.68

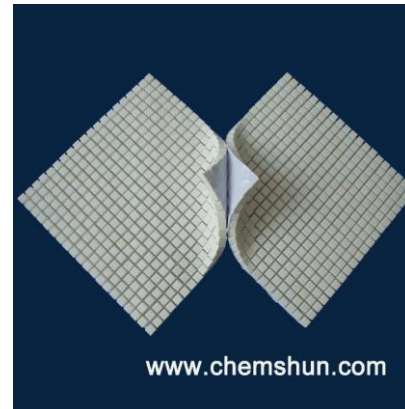
--Moh's:9 scale

--Application:Wear Resistant

--Finished ceramics size :120*120mm , 150*150mm, 300*300mm, 500*500mm on Nylon Net /silk back /paper back

--OEM/ODM:Acceptable

--HS Code:6909120000



2.Raw Material:

The [wear resistance ceramic](#) 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 Al₂O₃ content difference, we have 92%, 95%,abrasion resistance ceramics.



3. Advantage of the material:

---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;

--Superior Abrasion-resistance

Its abrasion-resistance is 171.5 times 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.

--Light weight

Its density is 3.6-3.75g/cm³, it is only half weight of steel, and could reduce the load on equipment.

