

Introduction

Alumina is a very wear-resistant precision ceramic material with high hardness and wear resistance meanwhile it is also with corrosion resistance, high temperature resistance, corrosion resistance which is widely used in all walks of life.

Chemical & Physical Properties

Al ₂ O ₃	SiO ₂	TiO ₂	CaO	Fe ₂ O ₃	MgO
49.01	0.82	49.01	1.01	0.03	0.02

Applications

- Mechanical seal ring
- Shaft
- Hydraulic piston rod
- Chemical fiber textile tension rollers, Spindles cup, Guide wire rods

Deposit Characteristics

Deposit Efficiency	61%
Total porosity	<8.6%
Bulk Density	4.8g/cc
Coating Hardness	HV1100

Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	6.35	0/±0.03mm

Other sizes (diameter and wire weight) can be manufactured accordingly to the requirements of customers.

Packaging

Tube	50 Rod
12 tubes per wooden box	