

## 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

Al2O3	SiO2	TiO2	CaO	NaO2	Fe2O3	MgO
94.42	0.8	0.01	0.12	0.31	0.04	0.3

## Applications

- Sealing parts
- Valve seats
- Mechanical parts
- Roller bearing, Mechanical Seal Faces ,Ceramic Furnace Trays, Entry guide vanes

## Deposit Characteristics

Deposit Efficiency	72%~80%
Total porosity	<13%
Bulk Density	3.1g/cc
Coating Hardness	HV1100
Melt Temperature	2800 °C

## Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	6.35,4.763	0/±0.03mm

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

## Packaging

Tube	50/80 Rod
10 tubes per wooden box	