



Overview

Alumina ball is widely used in industries of ceramics, cements, paint, dyeing, chemicals, pharmaceuticals, coating and mining. It has advantages of high hardness, good toughness, high density, good erosion resistance, regular shape etc. It is suitable for all kinds of ball mills covering planetary ball mill, roll ball mill, stirred ball mill and vibratory ball mill.



Alumina Mill Ball



Alumina Mill Ball



Alumina Mill Ball

Feature

- 1) Good abrasion resistance: abrasion resistance of alumina ceramic ball is much better than common ceramics.
- 2) High purity: No pollution when grinding and great stability of grinding effects.
- 3) High density, hardness and rapid grinding: Shorten grinding time, enlarge grinding space, and improve grinding effects.
- 4) High strength, heat resistance, pressure resistance, strong acid and alkali resistance, good stability of heat shocking and chemical performance.

Parameters of Alumina Mill Balls

Items	Content Percentage(%)
Alumina Component(%)	≥ 93
Fe ₂ O ₃ (%)	≤ 0.3
Moh's Hardness(%)	8
Water Absorption	≤ 0.02
Wear Degree(%)	≤ 0.10
Size(mm)	Φ 1mm-Φ 50mm(Customized size is acceptable)

Element Analysis of Alumina Ceramic Balls

General Specification	
Main Material	Alumina -Al ₂ O ₃
Chemical Composition	
Element	Share %
Al ₂ O ₃	99.651
CaO	0.081
SiO ₂	0.257
Other	0.011

