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# TENCAN

## Product Brochure



**BALL MILL MEDIA**

## agate ball

High-strength, high-toughness agate grinding balls made from imported raw materials. Offer superior wear resistance, long service life, and reduced contamination for ball milling applications.

<https://www.planetaryballmills.com/products/grinding-series/ball-mill-media/agate-ball.html>



## Product Overview

High-strength, high-toughness agate grinding balls made from imported raw materials. Offer superior wear resistance, long service life, and reduced contamination for ball milling applications.



## Product Introduction

Made of imported agate, it not only has high strength and toughness, but also has high wear resistance. It can be used in various ball mills, has a long service life, can reduce costs, reduce ball wear during production and processing, and has little impact on the environment.







## Technical parameters

**diameter:**  $\Phi$ 3mm- $\Phi$ 20mm

**Main ingredients:** Natural  $\text{SiO}_2$

**Density ( $\text{g}/\text{cm}^3$ ):**  $\approx$  2.65

**hardness:** Moderate, Mohs 7

**Wear resistance (wear rate):** Good, high brittleness, brittle

**Contamination risk:** Very low, mainly introducing Si impurities

**Main application areas:** Laboratory analysis (geology, mining, environmental protection), food, Chinese medicinal materials and other soft materials that avoid metal contamination.

**\* The above parameters are for reference only. The specific parameters are subject to actual conditions or customized parameters can be customized according to special requirements.;**

## Product Features

1. It has high specific gravity, high strength, high crushing efficiency and can shorten the processing time.
2. It has high true sphericity, smooth surface, small diameter distribution, and can crush and disperse high-precision products.
3. Due to the use of high-purity raw materials, it has high wear resistance and can reduce the mixing of impurities.
4. Good wear resistance, long life, no need to replenish agate grinding balls frequently, reducing production costs.
5. It can also exert greater power in wet crushing and dispersion of viscous and heavy specific objects to be crushed.
6. When used in the crushing process of the mixing ball mill, there is no need to worry about the rust and corrosion of the balls.

## Accessories & Customization

### Accessories

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

### Customization

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.