



## Overview

Tencan Agate ball is made of natural agate with high hardness and high toughness as well as good abrasion resistance. It can be used and matched with all kinds of ball mills. Agate ball has a long life and reduces using cost and friction abrasion. Further, it has less effect to the environment.



Agate Mill Ball



Agate Mill Ball



Agate Mill Ball

## Feature

- 1) High density, high hardness, high grinding efficiency, and rapid grinding.
- 2) Smooth and polishing surface, small diameter: It is suitable for grinding and dispersing precise and ultra-fine powder.
- 3) Because of its high purity, it can prevent from being mixed into grinding powder.
- 4) Good abrasion resistance and durability: Production cost can be reduced.
- 5) It plays a great role in wet grinding and dispersing sticky and heavy materials.
- 6) No need to worry about erosion problem of balls when applied to stirred ball mills.

### Parameters of Agate Mill Balls

Components	94%SiO <sub>2</sub> , 6%MgO/ CaO/ Mn <sub>2</sub> O <sub>3</sub>
Moh's Hardness	7.2
Elasticity Modulus	>70 Gpa
Size(mm)	Φ3, 5, 8, 10, 12, 15, 20mm.(Customized size is acceptable.)

### Element Analysis of Agate Balls

General Specification	
Main Material	SiO <sub>2</sub>
Chemical Composition	
Element	Share %
SiO <sub>2</sub>	97.26
MgO/CaO/Mn <sub>2</sub> O <sub>3</sub>	2.74

