

# ZIRCONIA BEADS

Purity - 99.9%

## Quick Facts

Product	:	Zirconia Beads
Stock No	:	NS6130-12-002168
Purity	:	99.9%
CAS	:	1314-23-4
Grain Size	:	1-3mm



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# ZIRCONIA BEADS

## 1-3mm

### Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
ZrO <sub>2</sub>	123.21g/mol	5.68g/cm <sup>3</sup>	2715°C

Zirconia beads, also known as zirconium oxide beads, are small spherical particles made from zirconium oxide (ZrO<sub>2</sub>) material. Zirconia beads have several applications across various industries due to their unique properties. Zirconia beads find extensive use in dental applications, especially in the fabrication of dental crowns, bridges, and implants. Zirconia beads can serve as catalyst supports in various chemical reactions. Zirconia beads are utilized in biomedical, used as carriers for drug delivery systems, in bioseparations, and as solid supports for immobilized enzymes and biomolecules. Zirconia beads are also used in surface treatment techniques such as sandblasting and abrasive blasting for cleaning, texturing, and surface preparation.

### Applications:

- ✓ Surface finishing and polishing
- ✓ Used for Catalyst
- ✓ Filtration and purification
- ✓ Used for Biotechnology



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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