

Zirconium Silicate Beads, 0.5 mm**Overview**

Zirconium silicate grinding media provided by Next Advance is ideal for the homogenization of biological samples. The density of the material makes it suitable for the homogenization of soft tissues and cell culture.

Uses

- General-purpose bead beating in bead mill homogenizers for soft biological samples.
- Homogenize samples to release DNA or other molecules of interest.
- Compatible with all Bullet Blender homogenization models.

Example Sample Types

- Soft tissues like liver, brain, or kidney.
- Bacteria and mammalian cells.
- Nematodes.
- Including other samples with similar characteristics.

Specifications

Product Amount	1 lb.
Shape	Spherical
Material	Zirconium Silicate
Composition	64% Zirconium Oxide, 33% Silicon Dioxide
Specific Density	~ 3.8 g/cm ³
Bulk Density	~ 2.5 g/cm ³
Average Size	0.5 mm ± 0.08 mm

Usage Statement

This product is intended solely for research and laboratory use. It is not intended for use in humans or animals, nor for any clinical, diagnostic, or therapeutic applications. Users are responsible for ensuring compliance with all applicable standards and regulatory requirements relevant to their specific workflows.