



## High Purity Ceria Zirconia Bead

As the professional manufacture, we would like to provide you Nextgen High Purity Ceria Zirconia Bead. Nextgen Advanced Materials INC has excellent quality and reasonable price, has been exported to nearly 60 countries, and has been welcomed and trusted by customers at home and abroad Welcome to contact us. High purity Cerium Zirconia Oxide Bead, made of cerium stabilized

zirconium oxide powder, is a grinding medium of the highest density that can well meet customers' needs. Nextgen Advanced Materials supplies High purity Cerium Zirconia Oxide Bead with high quality and fast delivery, and customized products are also available.

## **Product Description**

You can rest assured to buy Nextgen High Purity Ceria Zirconia Bead from our factory. Nextgen Advanced Materials INC continually strives to offer competitive pricing and on-time delivery while maintaining stringent standards of quality. High purity Cerium Zirconia Oxide Bead is manufactured with special process, the internal structure of the beads is uniform and compact. It has good stability, strong acid & alkali resistance, as well as the highest density, significantly improving grinding efficiency than other ceramic beads. It is mainly applied to ultra fine grinding and dispersion of materials that require high viscosity and high hardness, such as paint, ink, paint, paper, metal, non-metal and rare earth materials.





www.nexgematerials.com

| Chemical Composition |            |      |      |         |       |       |       |       |       |  |
|----------------------|------------|------|------|---------|-------|-------|-------|-------|-------|--|
| Chemical             | Compostion | ZrO2 | CeO2 | AL2O3   | Fe2O3 | SiO2  | TiO2  | MgO   | Na2O3 |  |
| %                    |            | ≥85  | ≤15  | 0.3±0.1 | ≤0.01 | ≤0.01 | ≤0.01 | ≤0.01 | ≤0.01 |  |

| Physical Properties     |  |  |  |  |  |  |  |
|-------------------------|--|--|--|--|--|--|--|
| Density<br>(g/cm3)      | 6.2  |  |  |  |  |  |  |
| Bulk Density<br>(g/cm3) | 3.8  |  |  |  |  |  |  |
| Hardness(Hv)            | 1000   |  |  |  |  |  |  |
| Sphericity(%)           | 98%  |  |  |  |  |  |  |
| Standard Size(mm)       | 0.50, 0.60, 0.80, 1.00, 1.20, 1.50,1.70,2.00,~10mm |  |  |  |  |  |  |
| Packing(kg)             | 25kg Plastic Drum                                  |  |  |  |  |  |  |