

## High index glass beads

### 1) Glass Beads with Refractive Index **1.93nd**

1.93Nd glass bead is used for “Exposed-Lens” type retro-reflective articles(refer to enclosed glossary), such as open-type reflective sheets, reflective fabric, reflective tape, reflective yarn and “En capsulated-Lens” type retro-reflective articles(refer to enclosed glossary), such as high intensity grade reflective sheet.

#### I. Technical Data

Composition	TiO <sub>2</sub> -BaO-SiO <sub>2</sub> GLASS
Refractive Index	1.93±0.01Nd
Specific Gravity	4.1±0.2 g/cm <sup>3</sup>
Color	White
Form	Fine spheres powder
Size	10-100um(can be provided by specific request)
Roundness	≥95%
Opacity	≤1%

**II. Package:** 25kg / iron barrel (Volume: 28cm x 23cm), lined with two plastic bags, and one dryer placed in.

Net Weight: 25kg/barrel

Gross Weight: 26.7kg/barrel

**III.Storage:** Dry and sheltered



### 2) Glass Beads with Refractive Index **2.2nd**

2.2nd glass bead is used for “Enclosed-Lens” type retro-reflective articles(refer to enclosed glossary), such as engineering grade sheet and super engineering grade sheet which contribute to road signs and traffic safety .

#### I. Technical Data

Composition	TiO <sub>2</sub> -BaO-ZnO GLASS
Refractive Index	2.2±0.1Nd
Specific Gravity	4.5±0.2 g/cm <sup>3</sup>
Color	White
Form	Fine spheres powder
Size	10-100um(can be provided by specific request)
Roundness	≥95%
Opacity	≤5%

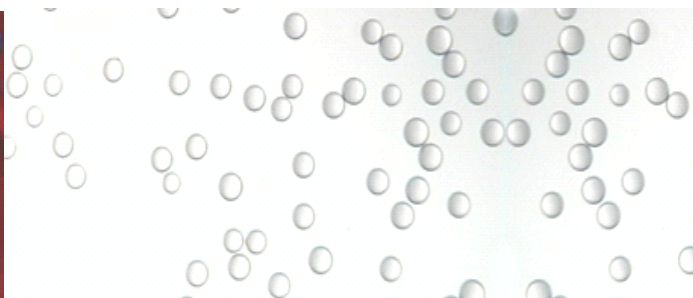


**II. Package:** 25kg / iron barrel (Volume: 28cm x 23cm), lined with two plastic bags, and one dryer placed in.

Net Weight: 25kg/barrel

Gross Weight: 26.7kg/barrel

**III.Storage:** Dry and sheltered



### 3) **Aluminum Coated Glass Beads with Refractive Index 1.93nd**

Aluminum coated glass bead is used for road signs , traffic safety goods and reflective printing ink.,screen printing etc.

#### **I. Technical Data**

Composition	TiO <sub>2</sub> -BaO-SiO <sub>2</sub> GLASS
Refractive Index	1.93±0.01Nd
Specific Gravity	4.1±0.2 g/cm <sup>3</sup>
Color	Silver grey
Form	Fine spheres Semi-coated with aluminum
Size	10-100um(can be provided by specific request);



**II. Package:** 25kg / iron barrel (Volume: 28cm x 23cm), lined with two plastic bags, and one dryer placed in.

Net Weight: 25kg/barrel

Gross Weight: 26.7kg/barrel

**III.Storage:** Dry and sheltered

