



UNITED BOLTEN BEADS

**UNITED BOLTEN BEADS LIMITED**  
RM. 517, NEW CITY CENTRE, 2 LEI YUE MUN ROAD  
KWUN TONG, KOWLOON. HK  
TEL: 0086-393-4662488  
[www.united-beads.com](http://www.united-beads.com)

## TECHNICAL DATA SHEET

### GLASS BEAD FOR ROAD MARKING GB 1180-425

#### **DESCRIPTION**

##### **Glass Bead for Road Marking:**

Improve the road marking line contrary reflection function. When driving at night, the lamp shines on the marking line with glass bead in it, the ray of lamp is reflected back parallelly. So the driver can look at the road clearly and drive safely at night.

#### **TYPICAL SPECIFICATION**

Item	Glass bead size( $\mu\text{m}$ )	Glass bead percentage(%)
GB 1180-425	>1180	0-3
	1180-850	5-20
	850-425	65-95
	<425	0

Choices of different size glass bead between  $0\mu\text{m}$ - $1180\mu\text{m}$  according to different functions.

Products can meet international standard including English BS6088, AASHTO M247-81 (1996), EN1423/EN1424 standard etc.

#### **TECHNICAL REQUESTS**

Appearance: **NO BLACK ARTICLES**. Colorless and transparent ball, no visible bubbles and impurity.

Spherical beads:  $\geq 85\%$ .

Density:  $2.4-2.6\text{g}/\text{cm}^3$ .

Refractive index:  $N_d \geq 1.50$

Glass bead composition: The glass bead is made of sodium and calcium.  $\text{SiO}_2 > 68\%$

#### **PACKAGING**

Using double-deck package, the inner is polythene film and its thickness is not less than 0.5mm, the outer is plastic woven bag to prevent leak or damp. The net weight of each bag is  $25 \pm 0.2\text{kg}$ ,  $1000 \pm 8\text{kg}$ , or according to clients' requirement.

The information in this bulletin is believed to be accurate, but all recommendations are made without warranty since the conditions of use are beyond UNITED BOLTEN BEADS' control. The listed -properties are illustrative only, and not product specifications. UNITED BOLTEN BEADS disclaims any liability in connection with the use of the information, and does not warrant against infringement by reason of the use of its products in combination with other material or in any process.