



UNITED BOLTEN BEADS

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## TECHNICAL DATA SHEET

### GLASS BEAD FOR ROAD MARKING GB 850-150

#### **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(%)
<b>GB 850-150</b>	>850	0-5
	850-600	5-20
	600-300	30-75
	300-180	10-30
	<180	0-15

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: Colorless and transparent ball, no visible bubbles and impurity.

Spherical beads:  $\geq 90\%$  ( $600 < \text{Sieve size} < 850\mu\text{m}$ , spherical beads  $\geq 80\%$ ).

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

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.

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