



## PRODUCT INFORMATION

### GLASS BEADS ABNT TYPE IB FOR ROAD MARKING

GLASS BEADS SIZE: 63-300UM ACCORDING TO ABNT NBR 6831:2001 Type IB

#### 1. PRODUCT IDENTIFICATION

Reflective glass beads are especially for road marking paints(thermoplastics, cold solvent, water-based, two-component) to provide excellent night retro-reflectivity.

**ABNT NBR 6831:2001** - Type IB, glass beads for Premix applications are intended for marking highways and all airfield markings.

#### 2. SPECIFICATIONS

Item	Standard
Chemical composition:	Sodium lime glass ( $\text{SiO}_2 \geq 65\%$ )
Appearance	Clean, transparent, no obvious impurity
Specific gravity ( $\text{g/cm}^3$ )	2,4 - 2,6
Bulk weight ( $\text{g/cm}^3$ )	approx. 1.5
Refractive index	$\geq 1,5$
Spherical beads/Roundness (%)	$\geq 70$
Hardness (Moh's):	5.5-6.0

#### 3. PARTICLE SIZE DISTRIBUTION

Diameter ( $\mu\text{m}$ )	Standard Passing (%) by weight
300	100
212	85 - 100
150	15 - 55
63	0 - 10

#### 4. PACKING

glass beads are available in 25kgs pp woven bag with internal polyethylene bag, 48bags/pallet

#### 5. STORAGE

Dry, sheltered, and keep bags and containers well closed.

#### 6. SOURCE OF INFORMATION

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