



## PRODUCT INFORMATION

### GLASS BEADS ABNT TYPE IA FOR ROAD MARKING

GLASS BEADS SIZE: 75-850UM ACCORDING TO ABNT NBR 16184:2013 Type IA

#### 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 16184:2013** - Type IA, glass beads for Intermix applications are intended for marking highways and all airfield markings.

#### 2. SPECIFICATIONS

Item	Standard
Chemical composition:	Sodium lime glass (SiO <sub>2</sub> ≥65%)
Appearance	Clean, transparent, no obvious impurity
Specific gravity (g/cm <sup>3</sup> )	2,4 - 2,6
Bulk weight (g/cm <sup>3</sup> )	approx. 1.5
Refractive index	≥ 1,5
Spherical beads/Roundness (%)	≥ 70
Hardness (Moh's):	5.5-6.0

#### 3. PARTICLE SIZE DISTRIBUTION

Diameter (µm)	Standard Passing (%) by weight
850	100
600	90 - 100
300	18 - 35
150	0 - 10
75	0 - 2

#### 4. PACKING

glass beads are available in 25kgs pp woven bag with internal polyethylene bag, 50bags/pallet.

#### 5. STORAGE

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

#### 6. SOURCE OF INFORMATION

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