



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 ($\text{SiO}_2 \geq 65\%$)
Appearance	Clean, transparent, no obvious impurity
Specific gravity (g/cm^3)	2,4 - 2,6
Bulk weight (g/cm^3)	approx. 1.5
Refractive index	$\geq 1,5$
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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