



PRODUCT INFORMATION

GLASS BEADS ABNT TYPE 2A FOR ROAD MARKING

GLASS BEADS SIZE: 180-1000UM ACCORDING TO ABNT NBR 6831:2001 Type 2A

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 2A, glass beads for Drop-on applications are intended for marking highways and all airfield markings.

2. SPECIFICATIONS

Item	Standard
Chemical composition:	Sodium lime glass (SiO ₂ ≥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	≥ 1,5
Spherical beads/Roundness (%)	≥ 70
Hardness (Moh's):	5.5-6.0

3. PARTICLE SIZE DISTRIBUTION

Diameter (µm)	Standard Passing (%) by weight
1000	100
850	98 - 100
600	75 - 95
300	9 - 35
180	0 - 5

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

LANGFANG OLAN GLASS BEADS CO.,LTD

Phone: +86 316 201 36 21, fax: +86 316 701 85 36

E-mail: info@glassbeads.net

<http://www.glassbeads.net>

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