



PRODUCT INFORMATION

GLASS BEADS ABNT TYPE IA FOR ROAD MARKING

GLASS BEADS SIZE: 75-850UM ACCORDING TO ABNT NBR 6831:2001 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 6831:2001 - 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 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 |
|---------------|--------------------------------|
| 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, 48bags/pallet.

5. STORAGE

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

6. SOURCE OF INFORMATION

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