



## PRODUCT INFORMATION

### GLASS BEADS TT-B-1325D TYPE I A FOR ROAD MARKING

GLASS BEADS SIZE: 75-850UM ACCORDING TO TT-B-1325D Type I A

#### 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.

**TT-B-1325D TYPE I A** - Type I, Gradation A, coarse - low-index recycled 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 <sub>2</sub> ≥62%) |
| 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 (%)         | ≥ 80                                      |
| Hardness (Moh's):                     | 5.5-6.0                                   |

#### 3. PARTICLE SIZE DISTRIBUTION

| Diameter (μm) | Standard Passing (%) by weight |
|---------------|--------------------------------|
| 850           | 100                            |
| 600           | 80 - 100                       |
| 300           | 18 - 35                        |
| 150           | 0 - 10                         |
| 75            | 0 - 2                          |

#### 4. PACKING

**TT-B-1325D TYPE I A** glass beads are available in 25kgs pp woven bag with plastic liner.

#### 5. STORAGE

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

#### 6. SOURCE OF INFORMATION

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