



PRODUCT INFORMATION

GLASS BEADS M247 TYPE I FOR ROAD MARKING

GLASS BEADS SIZE: 150-850UM ACCORDING TO AASHTO M247 Type I

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.

AASHTO M247 - Type I, 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 ₂ ≥72%)
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	75 - 95
300	15 - 35
150	0 - 5

4. PACKING

glass beads are available in 25kgs pp woven bag with plastic liner. 48bags per pallet.

5. STORAGE

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

6. SOURCE OF INFORMATION

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