



PRODUCT INFORMATION

GLASS BEADS M247 TYPE II FOR ROAD MARKING

GLASS BEADS SIZE: 180-600UM ACCORDING TO AASHTO M247 Type II

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 II, Medial - 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 ≥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	≥ 1.50
Spherical beads/Roundness (%)	≥ 70
Hardness (Moh's):	5.5-6.0

3. PARTICLE SIZE DISTRIBUTION

Diameter (µm)	Standard Passing (%) by weight
600	100
425	90 - 100
300	50 - 75
180	0 - 5

4. PACKING

M247 TYPE II 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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DATE: Jan. 02, 2019