



PRODUCT INFORMATION

GLASS BEADS M247 TYPE III FOR ROAD MARKING

GLASS BEADS SIZE: 710-1700UM ACCORDING TO AASHTO M247 Type III

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 III, Large - low-index recycled glass beads for dropping or spraying upon pavement markings so as to produce a reflectorized pavement marking.

2. SPECIFICATIONS

Item	Standard
Chemical composition:	Sodium lime glass ($\text{SiO}_2 \geq 72\%$)
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	$\geq 1,50$
Spherical beads/Roundness (%)	≥ 70
Hardness (Moh's):	5.5-6.0

3. PARTICLE SIZE DISTRIBUTION

Diameter (μm)	Standard Passing (%) by weight
1700	100
1400	95 - 100
1180	80 - 55
1000	10 - 40
850	0 - 5
710	0 - 2

4. PACKING

M247 TYPE III 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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