



LANGFANG TENROADS GLASS PRODUCTS CO.,LTD

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TECHNICAL DATA SHEET

PRODUCT INFORMATION

AASHTO M247-1 GRADE: 150-850 μ m

1. PRODUCT IDENTIFICATION

AASHTO M247-1 glass beads for Road Marking, Reflective glass beads are especially made for use in road marking paints and thermoplastics to provide excellent night retro-reflectivity.

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 (%)	≥ 70
Hardness (Moh's):	6~7

3. PARTICLE SIZE DISTRIBUTION

Diameter (μ m)	Standard retained (%)
850	0
600	5~25
300	40~80
180	10~35
<150	0~5

4. PACKING

AASHTO M247-1 is available in 25kgs bags in polyethylene with liner or paper bags with plastic liner. 48bags per wooden pallet.Or 1.2ton/bigton bag,20 bags per container

5. STORAGE

Keep bags and containers well closed. Avoid wet conditions.

6. SOURCE OF INFORMATION