



PRODUCT INFORMATION

MEDIUM INDEX GLASS BEADS FOR ROAD MARKING

Type: OLM1820 SIZE: 850-1000UM

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.

OLM1820, Large - medium - index 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 ($\text{SiO}_2 \geq 68\%$)
Appearance	Clean, transparent, spherical beads
Specific gravity (g/cm^3)	3.0 - 3.3
Bulk weight (g/cm^3)	2.0 - 2.3
Refractive index	1.70
Spherical beads/Roundness (%)	≥ 90
Retroreflective(mcd/lux/m ²):	800-1000

3. PARTICLE SIZE DISTRIBUTION

Diameter (μm)	Standard Retained (%) by weight
>1000	0 - 5
850-1000	90 - 100
<850	0 - 5

4. PACKING

OLM1820 glass beads are available in 25kgs bag with plastic liner, 40bags/pallet

5. STORAGE

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

6. SOURCE OF INFORMATION

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