



Britesphere OPSS 1750

BENEFITS OF Britesphere OPSS 1750

- Exceeds min. 70% roundness
- Refractive index >1.50
- 3 types of coating
- Consistent quality to guarantee excellent retro-reflective performance
- All Britesphere Glass Beads for Road Marking paints are manufactured and tested according to ASTM Specifications

OPTA MINERALS for all your CONSTRUCTION needs:

- Barco Silica Sand
- Temisca Silica
- Silica Flour
- Britesphere AASHTO M-247
- Britesphere OPSS 1750
- Golf Sands
- Coloured Sand
- Bentonite

Information Bulletin

BRITESPHERE Reflective Glass Beads are used for road marking paints to provide excellent retro-reflective performance and durability.

BRITESPHERE Glass Beads are consistent in quality and composition. Strict quality control guarantees truly round glass beads for optimum reflection.

BRITESPHERE Glass Beads are available in various coatings to ensure flotation and adhesion or to resist agglomeration.

- Silicone Coating
- Silane Coating
- Dual Coating

The surface of coated glass beads has been treated with high quality organic material, providing the following advantages:

- Prevents water absorption.
- Significantly improves reflection in wet weather.
- Increases working and application efficiency because the coating prevent the glass beads from clogging.
- Enhances the bonding of the beads with paint and thermoplastic.
- Prevents the beads from settling down in dispensing equipment.

Appearance:

Colourless and transparent; no visible bubbles and impurities.

Spherical bead: guaranteed 70% roundness, actual average 85%

Density: 2.4 – 2.6g/cm³

Refractive Index: 1.50

Glass Beads meet the following gradation requirements, tested according to ASTM D1214 and OPSS 1750 Specification

Typical Standard Bead Sizes:

OPSS 1750		
Mesh	Micron	% Passing
20	850	100
30	600	95-100
40	425	45-70
50	300	20-40
70	212	5-20
100	150	0-3

The glass beads are processed and screened according to OPSS 1750.

Packaging:

In multiply paper bags; 55lb (25kg) per bag. 40 bags = 2,200lb are packed in a Super Sac.

Custom screened and larger sizes available on request.

OPTA MINERALS has production and warehouse facilities in the following locations:

Waterdown, ON; Lachine, QC;
 St-Bruno-de-Guigues, QC; Brantford, ON;
 St-Germain-de-Grantham, QC; Norfolk, VA;
 New Orleans, LA; Los Angeles, CA;
 Hardeeville, SC; Attica, NY; Baltimore, MD;
 Keeseville, NY; Walkerton, IN; Milan, MI;
 Richfield, OH.