



Britesphere OPSS 1750

Britesphere OPSS 1750 meets or exceeds the Ontario Provincial Standard Specification for reflectorizing glass beads. Britesphere OPSS 1750 beads are transparent, clean, colorless glass, smooth and spherically shaped, free from milkiness, pits, or excessive air bubbles.

Britesphere OPSS 1750 meet the following gradation requirements when tested according to ASTM D1214:

US Standard ASTM E11 Sieve Series	Opening Micron	Percentage Passing by Dry Mass Overlay Type
No.20	850	100
No.30	600	95-100
No.40	425	45-70
No.50	300	20-40
No.70	212	5-20
No.100	150	0-3

The OPSS 1750 specification adheres to the following standards for testing:

ASTM Standards

E11 – Wire cloth sieves for testing purposes

D 1214 Test method of Sieve Analysis of Glass Spheres

D 1155 Test method for roundness of glass spheres

Other properties spelled out by OPSS 1750 adhered to by Britesphere OPSS1750 include: Testing for imperfections, water resistance, packaging, delivery and measurement.

Advantages Of Britesphere OPSS 1750

- No characteristics of toxicity
- Exceeds min. 80% roundness
- All Britesphere road marking beads are available:
 - Non- coated
 - Dual Coated (Silicone/Silane)
- Refractive index ≥ 1.503
- Consistent quality to guarantee excellent retro-reflective performance
- All Britesphere Glass Beads for Road Marking paints are manufactured and tested according to ASTM Specifications

Characteristics

Colour	Colourless and transparent, no visible bubbles and impurities
Density	2.4 – 2.6 g/cm ³
Grain Shape	Spherical bead, guaranteed 80% roundness, actual Average 85%
Refractive Index	≥ 1.50

Packaging

- 40 x 55 lb paper bags per pallet
- 1 x 2200 lb Supersac