



AASHTO M 247 TYPE I GLASS BEADS

Reflective glass spheres for drop-on or intermix applications with reflective highway markings:

| US MESH | MICRON | % PASSING |
|---------|--------|-----------|
| 16 | 1180 | 100 |
| 20 | 850 | 95-100 |
| 30 | 600 | 75-95 |
| 50 | 300 | 15-35 |
| 100 | 150 | 0-5 |

Appearance Beads shall be colorless, transparent, spherically shaped and conform to the above gradation in accordance with ASTM D1214 and / or AASHTO PP-74

Roundness Minimum 70% true spheres as measured according to ASTM D-1155 and/or AASHTO PP-74.

Index of refraction 1.50 to 1.55 by oil immersion method.

Chemical Resistance to hydrochloric acid, water, calcium chloride, and sodium sulfide as tested per methods outlined in sections 4.3.6 to 4.3.9 of the TT-B Federal Spec. 1325.

Moisture resistance & Flow Characteristics Beads shall not absorb moisture when stored properly. They shall remain free of clusters and lumps and flow freely from dispensing equipment.

Coatings Per customer request and specification - Moisture Resistance, Adherence Coating, Dual Coating, and Flotation.

Heavy Metals Meets and / or exceeds all MAP-21 requirements. Testing upon request.

Swarco glass beads perform well in all binder systems, including alkyd and hydrocarbon thermoplastic, water and solvent based paint, epoxy, and methyl methacrylate.

If you have any questions about proper application techniques or other technical support issues, please contact your Swarco sales or customer service representative.

Above information should not be taken as a warranty or representation for which we assume legal responsibility.
It is offered solely for your consideration, investigation and verification.

