



Glass Microspheres

Grade Ref: K-15
Manufacturer: 3M, USA

Hollow Glass Microsphere made of Soda lime borosilicate used for lowering density, sensitizer, weight reduction, ease of sanding, heat reflective properties.

Typical Properties

ShapeHollow sphere
CompositionSoda Lime Borosilicate
Color-unaided eyeWhite

True Density(g/cc)0.15
Crush strength Psi.....250
pH.....9.5
Average diameter in micron.....60
Softening point in Celsius.....600
Flotation.....96

Key advantages

- Weight reduction
- Sanding improvement
- Explosive Sensitization
- Thermal insulation
- Heat reflective
- Acoustic
- Gloss control
- Reduce dilectric constant

End use applications

- Auto body Fillers
- Mining Explosives
- Spackling compounds
- Heat reflective coatings
- Thermal insulation coatings
- Construction chemicals
- Synthetic stone and marble
- Coated Textiles of PVC and PU
- Sports goods

Packaging, Storage & Handling

Available packaging

20 Kg Box

Storage Instructions

To help ensure ease of storage and handling while maintaining free flowing properties, The Glass Bubbles have been made from a chemically stable glass and are packaged in a heavy-duty polyethylene bag within a cardboard container. Minimum storage conditions should be unopened cartons in an unheated warehouse. Under high humidity conditions with an ambient temperature cycling over a wide range, moisture can be drawn into the bag as the temperature drops and the air contracts. The result may be moisture condensation within the bag. Extended exposure to these conditions may result in "caking" of the 3M glass bubbles to various degrees. To minimize the potential for "caking" and prolong the storage life, the following suggestions are made:

Handling Instructions

Carefully re-tie open bags after use.

If the polyethylene bag is punctured during shipping or handling, use this bag as soon as possible, patch the hole, or insert the contents into an undamaged bag.

Shelf life

1 year

3M & Scotchlite are a trademark of 3M - Geocon Products are distributors of 3M India Limited.
To support Indian market and customers we keep stocks of glass bubbles in warehouse & sale



A-312 Pratik Industrial Estate.
Mulund Goregaon Link road
Bhandup West, Mumbai 400078
India

T- 022 4122 5480
E-mail: info@geoconproducts.com
www.geoconproducts.com
www.geoconproducts.co.in

NOTE: Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product is appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, and whether such use will infringe the intellectual property rights of third parties.