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Appearance

Porous wall hollow glass microspheres (PWHGM) are white in color.

Chemical Composition (by weight)

Silica (SiO ₂)	75 - 90 %
Boron oxide (B ₂ O ₃)	5 - 15 %
Other	1 - 10 %

Physical Properties

Bulk Density of Dry Spheres	≈ 0.4 g/cm ³
Pore size	10 - 300 nm
Porosity	> 90 %
Shell thickness	≈ 1 μm

Applications

Typical applications of GL1756 spheres include filtration, waste remediation, drug delivery, batteries, a variety of biological diagnostic uses, bone regeneration, etc...

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