



MO-SCI Specialty Products, L.L.C.

A Subsidiary of MO-SCI Corporation

4040 HyPoint North

Rolla, MO 65401

Telephone: 573-364-2338

Fax: 573-364-9589

GL-0275-S DATA SHEET

Appearance

Solid soda-lime glass microspheres with light green color in powder form.

Chemical Composition (by weight)

Silica (SiO ₂)	65~75%
Aluminum oxide (Al ₂ O ₃)	0~5%
Calcium oxide (CaO)	6~15%
Magnesium oxide (MgO)	1~5%
Sodium oxide (Na ₂ O).....	10~20%
Iron Oxide (Fe ₂ O ₃)	<0.8%

Physical Properties

Specific Gravity	2.5 (g/cm ³)
Bulk Density of Dry Beads.....	1.3 g per cm ³ (77 lbs/ft ³)
pH in water @ 25°C	7.8
Softening Temperature	650°C
Coefficient of Thermal Expansion..	90 x 10 ⁻⁷ /°C (30-300° C)

Size and quality

Size availability : Standard ASTM sizes from 20 to 400 mesh with tolerance of ± 5-7% depending on size.

Irregular particles: < 10%

Applications

Typical applications of GL0275-S beads including: high temperature spacers for gauge control, coating, filler for plastic, retroreflection applications and etc...