

## SECTION 1 Chemical Analysis

A range of prime commercial soda lime glass beads, noted for their spherical characteristic and consistent size distribution. Manufactured to BS6088 offering a broad range of standard industrial sizes. The use of glass beads in surface finishing applications imparts a peening/ polished finish to metal components and is also utilised for its reflective ability in road marking and as a flow agent and functional filler in polymer manufacture among a myriad of other applications.

| Chemical Analysis           | Chemical Formula               | Typical Content % |
|-----------------------------|--------------------------------|-------------------|
| Silicon Dioxide (amorphous) | SiO <sup>2</sup>               | 73                |
| Sodium Oxide                | Na <sup>2</sup> O              | 15                |
| Calcium Oxide               | CaO                            | 7                 |
| Magnesium Oxide             | MgO                            | 4                 |
| Aluminium Oxide             | Al <sup>2</sup> O <sup>3</sup> | 1                 |

## SECTION 2 Physical Properties

|                  |                  |
|------------------|------------------|
| Shape            | Spherical        |
| Colour           | Clear/white      |
| Specific Gravity | 2.55 g/cc        |
| Bulk Density     | 1.5 g/cc         |
| Hardness         | 5 moh            |
| Packaging        | 25kg paper sacks |