

ATLAS BALL & BEARING CO LTD

SODA LIME GLASS BALL DATA SHEET

Attributes

Low cost, low weight and virtually chemically inert.

Typical chemical analysis %

| | | | |
|-------------------|-------|--------------------------------|-------|
| SiO ₂ | 72.00 | MgO | 4.0 |
| Na ₂ O | 13.8 | Al ₂ O ₃ | 1.00 |
| CaO | 9.00 | Fe ₂ O ₃ | 0.1 |
| K ₂ O | 0.1 | PbO | <0.01 |

Typical uses/applications

Agitators, stirring and mixing media, grinding and dispersing media, valves, bottle closures, dosage pumps, ball bearings, filling media and shot blasting.

Tolerance grades available

+/- 0.5mm
+/- 0.3mm
+/- 0.2mm
+/- 0.02mm

Mechanical/physical properties

| | |
|---------------------|--------------|
| Hardness | Mohs ≤6 |
| Young's modulus | 63 Gpa |
| Specific gravity | 2.5 - 2.7 |
| Magnetic properties | Non magnetic |

Whilst every care has been taken we cannot accept liability for any errors contained within this data sheet.

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