

Ballotini Solid Soda Glass Balls

Ballotini solid glass balls are produced from high quality and pure soda-lime glass. The unique washing and polishing process does not involve the addition of hydrofluoric acid and thus gives the balls a pure shiny surface without contamination.

Ballotini main applications include:

- // Chemical plants (where large inert surface areas are required) and for filters, e.g. fractionating columns
- // Resin filler
- // Shot blasting
- // Burnishing (metal finishing)
- // Gas chromatography



NEW

Ballotini with size range from 0.04mm to 3.5mm

Specification

| | |
|--|-------------|
| SiO ₂ | 72.0% |
| Na ₂ O | 13.8% |
| CaO | 9.0% |
| MgO | 4.0% |
| Al ₂ O ₃ | 1.0% |
| K ₂ O, Fe ₂ O ₃ | 0.2% |
| (Slight deviations are possible. PbO free <0.01%). | |
| Hardness according to Mohs | ≥6 |
| Elasticity module, GPa | 63 |
| Specific weight, kg/dm ³ | 2.5 |
| Bulk weight, kg/dm ³ | 1.5 |
| Abrasion after 100h grinding | 1.5 to 1.8% |

| Cat. No. | Grade | Diameter Range, mm* | Pack Size, kg |
|----------|-------|---------------------|---------------|
| 136-008 | 5210 | 0.0 to 0.050 | 1 |
| 136-007 | 5211 | 0.040 to 0.070 | 1 |
| 136-006 | 5212 | 0.070 to 0.110 | 1 |
| 136-005 | 5213 | 0.090 to 0.15 | 1 |
| 136-003 | 5214 | 0.10 to 0.20 | 1 |
| 136-002 | 5215 | 0.15 to 0.25 | 1 |
| 136-001 | 5216 | 0.20 to 0.30 | 1 |
| 136-017 | 5223 | 0.30 to 0.40 | 1 |
| 136-015 | 45015 | 0.40 to 0.60 | 1 |
| 136-014 | 4502 | 0.50 to 0.75 | 1 |
| 136-011 | 4504 | 1.00 to 1.25 | 1 |
| 136-010 | 4505 | 1.25 to 1.55 | 1 |
| 136-009 | 4506 | 1.55 to 1.85 | 1 |
| 136-021 | 4507 | 1.70 to 2.00 | 1 |
| 136-022 | 4511 | 2.85 to 3.30 | 1 |

* Note approximately 80% of any consignment should be within the diameter range specified for each grade

Ballotini with size range from 4mm to 12mm

Specification

| | |
|---|-------|
| SiO ₂ | 66.0% |
| Na ₂ O | 16.0% |
| K ₂ O | 0.01% |
| CaO | 7.0% |
| Al ₂ O ₃ | 5.0% |
| B ₂ O ₃ | 3.0% |
| MgO | 2.0% |
| ZnO | 1.0% |
| (Slight deviations are possible. PbO free). | |
| Hardness according to Mohs | ≥6 |
| Elasticity module, GPa | 63 |
| Specific weight, kg/dm ³ | 2.5 |
| Bulk weight, kg/dm ³ | 1.5 |

| Cat. No. | Grade | Diameter Range, mm* | Pack Size, kg |
|----------|-------|---------------------|---------------|
| 136-023 | 5009 | 3.70 to 4.30 | 1 |
| 136-024 | 5011 | 4.70 to 5.30 | 1 |
| 136-025 | 5012 | 5.70 to 6.30 | 1 |
| 136-026 | 5013 | 6.70 to 7.30 | 1 |
| 136-027 | 5014 | 7.60 to 8.40 | 1 |
| 136-028 | 5015 | 8.60 to 9.40 | 1 |
| 136-018 | 5016 | 9.50 to 10.50 | 1 |
| 136-019 | 5017 | 10.50 to 11.50 | 1 |
| 136-020 | 5018 | 11.50 to 12.50 | 1 |

* Note approximately 80% of any consignment should be within the diameter range specified for each grade