



Glass granules – GGR

In the production of glass granules, soda-lime glass is crushed and sifted according to individual grain sizes. Glass granules are an iron-free, mineral blasting medium.

Applications

- Reusable abrasive
- Rust removal
- Paint-stripping
- Roughening

Blasting systems

- Pressure blast systems
- Injection blast cabinets

Typical physical properties

| | |
|--|-----------------------------------|
| Hardness | 6 mohs |
| Grain shape | angular |
| Melting point | approx. 730 °C |
| Specific gravity | approx. 2,5 g/cm ³ |
| Bulk density <small>depending on granular size</small> | approx. 1,5–1,6 g/cm ³ |

Typical chemical analysis

| | Clear glass | Mixed glass |
|--------------------------------|-------------|-------------|
| SiO ₂ | 71,9% | 71,3% |
| Na ₂ O | 13,9% | 12,9% |
| CaO | 8,7% | 10,1% |
| MgO | 3,8% | 2,1% |
| Al ₂ O ₃ | 0,6% | 2,0% |
| Fe ₂ O ₃ | 0,4% | 0,3% |

Packaging

- 25 kg bags on pallet up to 1 ton
- 1 ton loose in big bag

Available sizes

| Metric | Average grain size (µm) |
|--------|-------------------------|
| | 0 – 106 |
| | 0 – 125 |
| | 80 – 125 |
| | 106 – 125 |
| | 106 – 150 |
| | 106 – 180 |
| | 125 – 200 |
| | 125 – 224 |
| | 125 – 250 |
| | 200 – 315 |
| | 200 – 350 |
| | 250 – 350 |
| | 250 – 400 |
| | 250 – 400 |
| | 315 – 500 |
| | 350 – 500 |
| | 350 – 600 |
| | 350 – 800 |
| | 600 – 1000 |
| | 800 – 1600 |

Other grain sizes can be produced if required.



... Europe's leading blasting media distributor

www.kuhmichel.com

Rev. 31.07.2009