



### Glass Granules

Glass granules are fine particles obtained by grinding glass material. The density of glass granules typically ranges from 2.2 to 2.5 g/cm<sup>3</sup>, which affects their abrasive power. With a hardness between 5 and 7 on the Mohs scale, glass granules effectively abrade surfaces. They are used for surface cleaning, roughening, and matting. Thanks to their varied particle sizes and abrasion capabilities, they find extensive applications in various industries. Glass granules are environmentally friendly and recyclable, making them a preferred choice. They are commonly used in automotive, metal processing, water treatment and glassware manufacturing sectors. Their durability and controllable roughening ability make them an effective solution for surface treatment needs. Due to their angular particle shape, glass granules exhibit higher abrasiveness compared to glass beads.

#### Applications

- Sandblasting
- Water Treatment
- Epoxy Floor Coating
- Sandpaper

#### Available Sizes

Product Code	Micron (µm)
CG1	500 - 1000
CG1-2	750 - 1000
CG1-1	500 - 750
CG01	200 - 500
CG001	100 - 200

#### Chemical Analysis

Compound	Percent (%)
LOI	16,18
SiO <sub>2</sub>	69,42
Fe <sub>2</sub> O <sub>3</sub>	0,48
CaO	8,27
Al <sub>2</sub> O <sub>3</sub>	1,09
MgO	4,25
Na <sub>2</sub> O	12,31

#### Physical Properties

Hardness	5 – 7 Mohs
Grain Shape	Angular
Melting Point	~ 720 °C
Specific Gravity	1,56 g/cm <sup>3</sup>
Specific Weight	2,58 g/cm <sup>3</sup>

#### Packaging

25kg Kraft bags on pallet of 1 ton /  
1250kg bigbag