



## ZANDOSIL® G260

### High Purity Fumed Silica Granules

Heraeus Covantics is a leading supplier of high-purity silica products for various industries such as optical fiber processing and semiconductor manufacturing equipment. Our products, including fumed silica granules, have the highest purity and robust chemical stability resulting from highly developed clean-room manufacturing processes in Bitterfeld-Wolfen, Germany.

ZANDOSIL® G260 is renowned for its adaptability and efficacy in a multitude of industrial applications, serving as a critical raw material or functional additive. Custom solutions are available to meet individual application demands, thanks to the expertise of our pyrogenic silica team.

#### Key Attributes of ZANDOSIL® G260 include:

- **High Purity:** Crafted to the highest standards, ZANDOSIL® G260 is free from impurities and chlorine, guaranteeing superior performance and quality.
- **Chemical Stability:** Its robust chemical stability protects properties and performance under tough conditions or against harsh substances.
- **Thermal Stability and Insulation:** Able to endure high temperatures, ZANDOSIL® G260 fits thermal-stable applications while offering effective insulation for thermal management and electrical purposes.
- **Flow Properties:** Its optimal flow properties make integration into molding, casting, and bonding processes easy, thus ensuring uniform results.
- **Ease of Handling:** Designed with the user in mind, ZANDOSIL® G260 simplifies process integration, being both user-friendly and easy to handle.

## Applications

ZANDOSIL® G260 is a highly versatile material for use as a raw material or functional additive in demanding applications requiring super high purity. Its unique properties make it suitable for a wide range of industries, enhancing product performance and functionality.

However, for any specific application, detailed testing and material qualification should be conducted prior to use.

Possible applications include:

- **Electronics**
- **Cosmetics**
- **Thermal Insulation**
- **Ceramics**
- **Polishing**
- **Adhesives**
- **Rubber & Thermoplastics**
- **Filters**



## Characteristics:

	ZANDOSIL® G260
Appearance	white granules
Silicon dioxide content (dried material) (wt. %)	> 99.99
Crystal structure	amorphous
property in contact with water/moisture	hydrophilic
Bulk density (g/l)	approx. 800
BET-surface area (m <sup>2</sup> /g)	30 ± 5
Particle size D <sub>50</sub> (µm)	260
pH of substance dispersed in water (4 %)	4.8 ± 0.3

## Packaging and Storage

Standard packaging units are 50 L or 170 L drums with inner layer, shipped on pallets. Other packaging options are available upon request. It is recommended to store the product in its original packaging protected from moisture.

## Safety Instructions

The safety data sheet includes all relevant instructions for handling. Please contact our office (address given below).

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