



ZANDOSIL® G220 – Super High Purity Silica Granulate

Heraeus is a premier supplier of high purity silica products for various industries, like optical fiber processing or semiconductor manufacturing equipment. As a product of our clean-room manufacturing processes in Bitterfeld, Germany, we offer pyrogenic silicas with highest purity.

ZANDOSIL G220

Parameter	Units	Typical Values
Appearance	–	white, granulated powder
Silicon dioxide content (dried material)	wt. %	> 99,999
Crystal structure	–	amorphous
Property in contact with water/moisture	–	hydrophilic
Bulk density	g/l	approx. 800
BET-surface area	m ² /g	30
Particle size D ₅₀	µm	200 – 250
pH of substance dispersed in water (4 %)	–	4,8 ± 0,3

Applications

ZANDOSIL® can be used as raw material or as functional additive in demanding applications where super high purity is required.

For any specific application detailed testing and qualification of the material should be undertaken prior to usage.

Possible applications are:

- Electronics
- Personal Care
- Thermal Insulation
- Ceramics
- Polishing
- Adhesives
- Rubber & Thermoplastics
- Filtering

Packaging and Storage

Standard packaging units are 50 L or 200 L drums and 1m³ Big Bags, 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).

About us

Heraeus is the key global supplier of high purity synthetic silica products.

We have been a reliable partner in the world telecommunications and semiconductor industry since 1976.

We are certified for ISO 9001:2008 and our Total Quality Management system is based on the Business Excellence Model of the European Foundation for Quality Management (EFQM).

Germany

Heraeus Quarzglas GmbH & Co. KG

Heraeus Comvance

Quarzstr. 8

63450 Hanau

Germany

silicaproducts@heraeus.com

www.heraeus.us/zandosil

www.heraeus-comvance.com

ZANDOSIL® is a registered trademark of Heraeus in the European Union (EU).

In the above context, "Heraeus" means Heraeus Holding GmbH or any affiliate of Heraeus Holding GmbH, e.g. Heraeus Quarzglas GmbH & Co. KG.