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SGEL-ORANGE

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Read the instructions in this technical datasheet carefully.
If you have any questions, please contact us.

Product Description

Silica Gel Orange consists of hard, glass-like beads made from silicon dioxide, featuring an environmentally friendly color indicator. Thanks to its large internal surface area, it can adsorb large amounts of moisture. At around 6% saturation, the color changes from orange to green/blue, but it continues to adsorb water beyond this point until reaching full capacity.

Properties

Composition: >97% silicon dioxide
Bulk density: >720 g/l
pH value: >4
Pore volume: 0.35 – 0.45 ml/g
Specific surface area: 650 – 800 m²/g
Grain size: 3 – 5 mm
5 mm: <1%
<3 mm: <1%
Moisture content (loss on drying at 150°C): <2%

Adsorption Capacity at 25°C

Relative humidity 20%: >8%
Relative humidity 50%: >25%
Relative humidity 90%: >35%

Application

Silica Gel Orange protects goods from corrosion, mold, and other moisture-related damage during transport and storage. It is also suitable for drying air or other gases.

Handling and Storage

To maintain product performance, store in airtight packaging and only open immediately before use. If partially used, reseal the packaging tightly right away. Always follow local health and safety regulations when handling this product.