

White Silica Gel



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Description

White silica gel is not indicating, is durable, and commonly used in static applications to remove moisture from the air and control humidity. This silica gel is often used during the shipment of goods to prevent corrosion, rust, and other forms of water damage, or in the storage of goods to preserve quality. This product is ideal for static applications but has a high enough quality to be used as a separator, catalyst carrier, or in dynamic applications.

Specifications

| Silica Gel | | | | |
|--|--------------------|------------|------------|------------|
| White Silica Gel | | Bead | | Granular |
| Property | Unit | SMSIL60300 | SMSIL61200 | SMSIL60315 |
| Diameter | mm | 2.0-5.0 | 0.5-1.0 | 2.0-5.0 |
| Adsorption Capacity Relative Humidity = 20% | wt% | ≥10 | ≥11.0 | ≥10.5 |
| Relative Humidity = 50% | wt% | ≥22 | ≥26.0 | ≥23.0 |
| Relative Humidity = 90% | wt% | ≥32 | ≥36.0 | ≥34.0 |
| Surface Area | m ² /g | 650-800 | - | 650-800 |
| Pore Volume | ml/g | 0.35-0.45 | - | 0.35-0.45 |
| Bulk Density | lb/ft ³ | ≥45 | 47-51 | ≥45 |
| Loss on Ignition | wt% | ≤2.0 | ≤2.0 | ≤2.0 |
| Qualified Size Ratio | % | ≥94.0 | ≥95.0 | ≥94.0 |

Industries Used

Small Packaging
Power Transformer Breathers

Dehumidification
Electronics

Natural Gas Conditioning

Storage

Silica gel is an adsorbent and should not be left exposed to open air to prevent water from being adsorbed before its intended use. This product should be stored in dry conditions with air-proof packaging.