

## Kieselgel A-Spherality

### 1. Product Overview

Kieselgel A includes Spherical, hemispherical and bulk silicone gel, appearance is transparent or translucent glass.

Average pore size:2.0~3.0nm;

BET: 650~800m<sup>2</sup>/g;

Pore Volume:0.35~0.45ml/g;

Specific heat:0.92KJ/kg·°C;

Heat conductivity coefficient:0.63KJ/m·Hr·°C.

### 2. Product Application

Mainly used in desiccant, but also as catalyst carrier, adsorbent, separating agent and pressure swing adsorption.

### 3.Product Specification

| Properties                          |          | Product  |          |          |
|-------------------------------------|----------|----------|----------|----------|
|                                     |          | SYGJ-BQ1 | SYGJ-BQ2 | SYGJ-BQ3 |
| Size(mm)                            |          | 2-4      | 2-4      | 2-4      |
| Adsorbing capacity (%)              | RH=20% ≥ | 10.5     | 10       | 8        |
|                                     | RH=50% ≥ | 23       | 22       | 20       |
|                                     | RH=90% ≥ | 34       | 32       | 30       |
| Heating loss (%) ≤                  |          | 2        | 2        | 2        |
| pH value                            |          | 4~8      | 4~8      | 4~8      |
| Specific resistance (Ω.cm ≥)        |          | 5000     | 3000     | /        |
| Silicon Dioxide content (%) ≥       |          | 98       | /        | /        |
| Spherical particles pass rate (%) ≥ |          | /        | /        | /        |
| Ratio of Size Qualified (%) ≥       |          | 94       | 94       | 90       |
| Bulk Density (g/L ≥)                |          | 750      | 720      | 670      |

### 4. Remark:

1. The testing standard is based on GB/T 34709-2017, or according to the method provided by customers.

2. Customized products are available.

3. Package: 10kg/bag, 15kg/bag, 25kg/bag, 500kg/bag.