

Technical Data Sheet:

Silica Gel Desiccant

Product Name: Silica Gel desiccant(Type A)

Description: Silica gel is a transparent spheroidal particle. The main component is SiO₂. The content of SiO₂ is approximately 99.0% when it is dry (with approx. 800m²/g internal surface area). Because of the large surface area, silica gel has a high moisture absorption rate. Silica gel can be reactivated without affecting its moisture absorption capacity. It is therefore very economical, easy to dispose and environment-friendly.

Component:

Component	Molecular Formula	Proportion	CAS No.
Silicon dioxide	SiO ₂	>90%	14808-60-7
Water (constitution water & free water)	H ₂ O	≤10%	7732-18-5

Technical Specification:

Item/ condition	Standard
Moisture Content 356°F (180°C)	≤3.0%
Silicon dioxide Proportion	≥99.0%
Moisture Absorption Capacity 77 ± 3.6°F (25 ± 2°C)	RH=20±2% ≥10.5%
	RH=50±2% ≥22.0%
PH	4~8
Specific Resistance	≥3000Ω.cm
Granularity Percent of Pass	≥90%
Bulk Density	≥750 g/L

Storage:

Type A silica gel desiccant must always be kept in airtight containers to avoid moisture.

Notes:

The data given here is based on current knowledge and experience. This document is designed to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance. User is liable for his own operation.

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