



Description

Silica gel is a transparent spheroidal particle. The main component is SiO₂. 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.

Specifications

Item/Condition		Standard
Moisture absorption capacity (T=25 ±2°C)	RH=20±2%	≥9.5%
	RH=50±2%	≥22%
	RH=90±2%	≥33%
IPH		4 ~ 8
Specific Resistance		≥3000Ω.cm
Granularity Percent of Pass%		≥90%
Bulk Density g/L		≥750

Silica gel desiccants must always be kept in airtight containers to prevent moisture absorption.

Packaging Material

Item		No	Standard
Quantitative (g/m ²)		A	77±5
Thickness (um)		B	115±10
WVTR g/m ² 24hr		C	≥2000
Seal strength N/15mm		D	≥5
Breaking Capacity	MD (N/15MM)	E	190-170
	CD (N/15MM)	F	95-70
Elongation at Break	MD (%)	G	18
	CD (%)	H	18
Seal Temperature °C		I	110-160
Sealing time (S)		J	0.7-2
Sealing pressure (Mpa)		K	0.4-0.6
Composition		P	Non woven + breathable filmESD

Part Number Table

Description	Part Number
Silica-gel Desiccant, 25g	MC3090082
Silica-gel Desiccant, 100g	MC3090084

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