

Blue Silica Gel

Properties

Blue silica gel is blue or light blue glassy particles, The products are divided into blue silica gel indicator and blue silica gel. It is characterized by the hygroscopicity process, with the increase of hygroscopicity into purple, and finally into light pink, Can indicate the humidity of the environment can also be directly displayed whether the need to replace a new desiccant, It can be used as desiccant alone, can also be used with Type A Silica Gel.



Application

It is mainly used for absorbing moisture anti-rusting of instruments, gauges and equipment in the enclosed conditions. After absorbing moisture, it turns from blue to red, visually indicating the relative humidity of the given environments. When being used with ordinary silica gel or drier, it indicates to which extent the drier absorbs the moisture and judges the relative humidity of a given environment. It is widely used as silica gel drier for the packing of precision instruments、leathers、shoes、clothes、foodstuffs、medicines and household electric appliances, etc.

Technical Specifications

Items		Indicators	
		Blue silica gel indicator	Blue silica gel
Particle size pass rate % ≥		90	90
Adsorption capacity %≥	RH20%	8	8
	RH35%	13	13
	RH50%	20	20
Colour	RH20%	blue or light blue	blue or light blue
	RH35%	purple or purplish red	purple or purplish red
	RH50%	light red	light red
Loss on heating	≤%	2	5
SiO2	≥%	98	98
Appearance		Bule or light blue	
Note: Special requirements are subject to agreement			

Size:1-3mm, 2-4mm, 3-5mm.

Packaging: Bags of 25kg

CERTIFICATE OF ANALYSIS

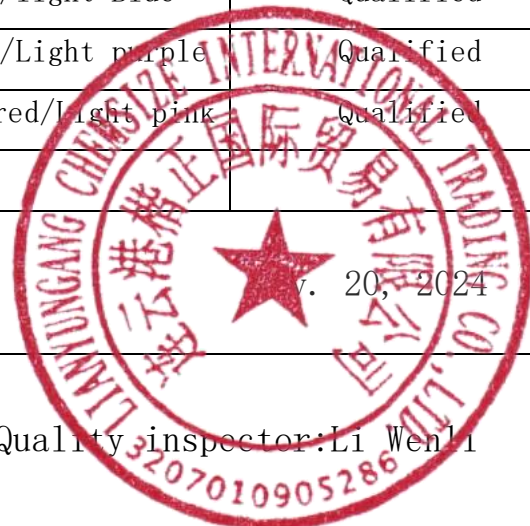
PRODUCT: Blue Silica Gel Beads SIZE: 3-5MM

QUANTITY: 20TONS LOT NO.: 2411248

ITEM		Standard	Results
Qulified size ration $\geq\%$		90	98.2
Bulk desity g/l \geq		720	863
Adsorbing capacity% (25°C, wt)	RH20% \geq	8	8.4
	RH35% \geq	13	14.7
	RH50% \geq	20	25.3
120°C Loss on heating $\leq\%$		5	1.25
Crush strength N/Bead \geq		/	/
Appearance		Blue/Light blue	Qualified
Granule Shape		Crystals form	Qualified
Color changing		Blue/light Blue	Qualified
		Purple/Light purple	Qualified
		Light red/light pink	Qualified
Test conclusion :qualified		7. 20, 2024	

Reviewer: Yu Junquan

Quality inspector:Li Wenli



MATERIAL SAFETY DATA SHEET

SAFETY DATA SHEET

Date: May, 7.2021

PRODUCT: SILICA GEL BLUE

Trade name: Silica gel

1. Identification of the substance/preparation and of the company

1.1 Identification of the substance or preparation

Trade name: SILICA GEL BLUE/SILICA GEL BLUE DESICCANT

1.2 Company identification

Company LIANYUNGANG CHEMSIZE INTERNATIONAL TRADING CO.,LTD
Postal Address NO.8 HUIQUAN ROAD,ETDZ, LIANYUNGANG,JIANGSU,CHINA
Telephone 0086-518-82326257
Fax 0086-518-82326257
Emergency telephone 0086-13851265016

2. Composition/information on ingredients

Chemical characterization Desiccant
Description SILICA GEL >99.7% Cobalt Chloride<0.3%
Dangerous substance Not Present
CAS-No. 63231-67-4 7646-79-9

* * UN-Identification No.(HS-Code) 2811221000

3. Hazards identification

Specific hazards for humans and environment:

The product is very absorbent and may have a drying effect on skin and eyes. In contact with water head Development but burning of the skin and mucous membrane is impossible.

4. First-aid measures

After inhalation Fresh air
After skin contact Wash with water
After eye contact Flush with water

5. Fire-fighting measures

Suitable extinguishing media This material will not burn; use media appropriate for Surrounding fire

6. Accidental release measures

Personal precautions Respiratory protection, eye protection
Methods for cleaning up Sweep the spill area; avoid rising dust

7. Handling and storage

7.1 Handling

Precautions for safe handling Handling in air tight container, moisture-proof and waterproof
Measures to prevent fire-and Not fired and explosion
Explosion

8. Exposure controls/personal protection

General

See 7.1

Exposure limits

CAS-NO.	substance	kind	OEL
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	Silica Gel	Block particles	
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Personal protection

Respiratory protection

(X)When exceeding the “OEL”

Hand protection

(X)

9. Physical and chemical properties

Appearance

Blue

Odor

Odorless

PH(50g/l water) (20°C)

4-8

Boiling point

Not applicable

Melting point

1708-1718 °C

Flash point

Not applicable

Solubility(water) 20°C

Insoluble

10. Stability and reactivity

The product is stable and inert

11. Toxicological information

Non-toxic

12. Ecological information

Silica gel is chemically and biological inert

13. Disposal considerations

Landfill according to federal, state and local regulations

14. Transport information

Not regulated by imo

15. Regulatory information

Is not a dangerous substance according to EEC Council Directive 67/548/EEC

(Classification, Packaging and Labeling of Dangerous Substances) as last amended

16. Other information

The applicable regulations and industrial hygiene standards have to be considered

The data is based on the present state of knowledge and experience, without a claim being made for completeness.

The Safety Data Sheet serves to describe the product only with regard to the product only with regard to the safety requirement.

These data do not constitute a specification.

THIS MSDS IS FOR REF.NO.2022.