

# SILICA GEL BLUE, INDICATING

## DESCRIPTION

*Standard Blue Indicating Silica Gel* is manufactured for use as a desiccant by selectively removing water from its surrounding environment. These dehydrating capabilities make silica gel an ideal product for both static and dynamic applications including use in power transformer breathers and desiccant air dryers. This silica gel is enhanced with the ability to indicate its remaining adsorption capacity by changing color, from blue to pink, as the silica gel becomes saturated with water.

- used in common desiccant applications to control moisture and humidity
- can handle dynamic applications and gives the advantage of color indication
- protects metals, equipment, and electronics from rusting or water damage
- changes color, from blue to pink, as it adsorbs water and reaches adsorption capacity

## SPECIFICATIONS

Silica Gel		Standard Blue Silica Gel		
		Beads		
Property	Unit	SIL64200	SIL64300	SIL64400
Indicates as	-	Pink	Pink	Pink
Diameter	mm	1.0-3.0	2.0-5.0	3.0-5.0
Particle Size Ratio	%< (mm)	≤3.0	≤3.0	-
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Bulk Density	g/mL ( <i>lb/ft<sup>3</sup></i> )	≥0.74 ( <i>≥46.5</i> )	≥0.74 ( <i>≥46.5</i> )	≥0.72 ( <i>≥45</i> )
Adsorption Capacity	wt%	≥8.00	≥8.00	≥8
Relative Humidity = 20%				
Relative Humidity = 35%	wt%	≥13.00	≥13.00	≥13
Relative Humidity = 50%	wt%	≥20.00	≥20.00	≥20
Relative Humidity = 80%	wt%	≥25	≥25	≥25
Specific Resistance	Ω.cm	≥1500	≥1500	-
pH	-	4.0-8.0	4.0-8.0	-
Loss on Ignition	wt%	≤2.0	≤2.0	≤5.0
Qualified Size Ratio	%	≥90.0	≥90.0	≥94
Packaging Options	Super Sack options available; 25kg ( <i>55.1lb</i> ) / Bag			

## INDUSTRIES USED

dehumidification

power transformer breathers

dry goods storage or shipping

small packaging

desiccant air dryers

static drying

## STORAGE

As an adsorbent, silica gel should not be left exposed to open air and should be stored in dry conditions with air-proof packaging.

## CONNECT WITH US...

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