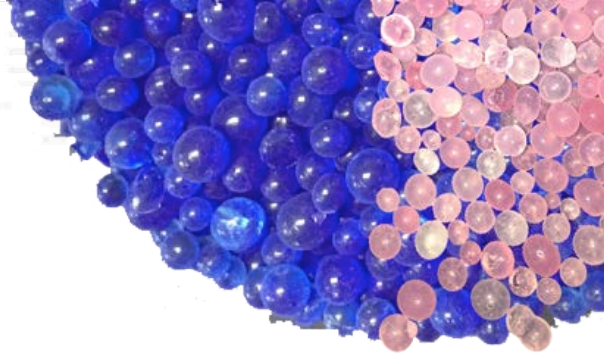


BLUE, INDICATING SILICA GEL



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	HYSIL64200	HYSIL64300	HYSIL64400
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	-
Particle Size Ratio	%> (mm)	≤3.0	≤3.0	-
Bulk Density	g/mL (<i>lb/ft³</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
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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