

SILICA GEL YELLOW, INDICATING



DESCRIPTION

Standard Yellow 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 adsorbent 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 yellow to green, as the silica gel becomes saturated with water.

- used in common desiccant applications to control moisture and humidity
- can handle dynamic applications and offers a high physical strength and adsorption capacity
- protects metals, equipment, and electronics from rusting or water damage
- changes color, from yellow to green, as it adsorbs water and reaches adsorption capacity

SPECIFICATIONS

Silica Gel		
Standard Yellow Silica Gel		Beads
Property	Unit	HYSIL60900
Indicates as	-	Green
Diameter	mm	2.0-5.0
Particle Size Ratio	%< (2 mm)	≤3.0
Particle Size Ratio	%> (5 mm)	≤3.0
Bulk Density	g/mL (<i>lb/ft³</i>)	≥0.74 (<i>≥46.5</i>)
Adsorption Capacity		
Relative Humidity = 20%	wt%	≥8.00
Relative Humidity = 35%	wt%	≥13.00
Relative Humidity = 50%	wt%	≥20.00
Specific Resistance	Ω.cm	≥4000
pH	-	4.1-5.0
Loss on Ignition	wt%	≤2.0
Qualified Size Ratio	%	≥90.0
Packaging Options	Super Sack options available; 25kg (<i>55.1lb</i>) / Bag	

INDUSTRIES USED

dehumidification	desiccant air dryers	dry goods storage or shipping
power transformer breathers	small packaging	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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