

Silica Gel

Blue, Indicating

Description

Indicating silica gel can appear as beads, in granular, or powder, and is typically tough and hard, slightly resembling glass. Using silica gel with indicating abilities allows the user to know when the product has reached its adsorption capacity and will no longer continue adsorbing water. This product can be used in various applications, from atmospheric desiccation to protect general goods to use in power transformer breathers. With cobalt chloride, *blue silica gel* turns from blue to pink after adsorbing moisture, which visually indicates that adsorption capacity has been reached and the product needs to be regenerated or replaced.

Specifications

Silica Gel				
Blue, Indicating		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
Qualified Ratio of Particle Size	%< (mm)	≤3.0	≤3.0	-
Qualified Ratio of Particle Size	%> (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%	wt%	≥13.00	≥13.00	≥13
Relative Humidity = 35%	wt%	≥20.00	≥20.00	≥20
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	Beads	Super Sack options available		25kg (<i>55.1lb</i>) / Bag

Industries Used

Small Packaging
Power Transformer Breathers

Dehumidification
Electronics

Natural Gas Conditioning

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.

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