



Silica Gel

Blue Indicating

Blue Indicating Silica Gel is made of fine-pored Type A silica gel impregnated with an indicator agent, CoCl_2 . It is lustrous royal blue color when it is fresh. As it adsorbs water, the color changes to light blue, then pink, and then light pink (almost colorless). It can be used to indicate the moisture level of environment. When used with normal white silica gel, the color progression provides a relative indication of the degree of saturation of the silica gel.

Like Type A silica gel, its recommended applications include protective packaging, industrial gas drying and purification, tank and transformer breathers.

Properties		Specifications
Adsorption Capacity	RH=10%, >= %	5.50
	RH=20%, >= %	10.72
	RH=40%, >= %	21.98
	RH=60%, >= %	29.14
	RH=80%, >= %	35.20
Loss on heating, <= %		2
Qualified ratio of beads/granules, >= %		92
Bulk density, g/L		750
Size, mm		2-5, 1-3
Packaging		25kg/500kg sacks or 25kg air tight drums
Appearance		Semitransparent blue beads or granules
Color Change	RH=20%	Blue
	RH=35%	Pink
	RH=90%	Light Red/Pink

Storage

Due to the moisture properties of desiccant, the sack or drums must not be opened for any longer period than is absolutely necessary for withdrawals. Withdrawals shall be limited to the quantity intended to be used. The sacks or drums shall be tightly resealed immediately after any withdrawal.