



Silica Gel

Orange Indicating

Orange Indicating Silica Gel is made of fine-pored Type A silica gel impregnated with an environmental safe (a type of food additive) indicator agent. It is orange color when it is fresh. As it adsorbs water, the color changes to green or 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%, >= %	5.5	
	RH=20%, >= %	10.7	
	RH=40%, >= %	22.0	
	RH=60%, >= %	29.1	
	RH=80%, >= %	35.2	
Loss on heating, <= %		2	
Qualified ratio of beads/granules, >= %		90	
Bulk density, g/L		750	
Size, mm		0.5-1.0, 2-5, 1-3	
Packaging		25kg/500kg sacks or 25kg air tight drums	
Appearance		Semitransparent orange beads or granules	
Color Change	RH=20%	Orange	Orange
	RH=50%	Green	Light Yellow
	RH=80%	Dark Green	Clear

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.