



Silica Gel

Type C

Silica Gel Type C is a high purity wide pore silica gel. Due to its insolubility in water and organic acid, it is well suitable to adsorb water and organic acid. It is also the basic material to in further fine silica gel processing. Suggested applications include industrial air and gas drying, purification and separation as well as cat litter and catalyst carriers and adsorbents. It is also the material to produce indication grade silica gels.

Characteristics

- Pore Volume: 0.78-1.00ml/g
- Pore Diameter: 80-100Å
- Surface Area: 350-500 m²/g

Both granular and beaded forms are available.

Properties		Specifications	
		Beaded	Granular
Adsorption Capacity	RH=100%, >= %	80	80
Loss on heating, <= %		5	
Qualified ratio of granules/beads, >= %		85	
Bulk density, g/L		400-500	400-500
Size, mm		2-5, 1-3, 4-8	
Packaging		25kg, 500kg sacks or 25kg air tight drums	
Appearance		Semitransparent or translucent glass-like beads or granules	

Storage

Due to the moisture properties of desiccant, the sack or containers 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 containers shall be tightly resealed immediately after any withdrawal.

Method of Analysis

HG/T2765.I – 1996, P.R. China

Country of Origin

People's Republic of China.