

Silica Gel

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Silica gel is porous substance that is an industrially produced form of amorphous silica (SiO₂). Keiwa Rozai handles both the Type A silica gel that is used as a desiccant for food products, and Type B silica gel, which has the ability to both adsorb and release moisture at room temperature. Silica gel is extremely stable chemically, has a nearly neutral pH, and is not water-soluble, deliquescent, corrosive, nor toxic.

Features

Type A silica gel

With small capillary pores, the adsorption capability is excellent from low temperatures. When a certain amount of moisture has been adsorbed, Type A silica gel loses the ability to absorb further; but, the function can be restored by heating the material.

Type B silica gel

Since the capillary pores are larger than those in Type A material, there is a greater moisture adsorption capability when the humidity is high. In addition, the adsorbed water is gradually released when the air is dry, making it possible to maintain stable humidity levels.

Applications

Type A : desiccant, silica fertilizer

Type B : coatings for construction materials (to regulate humidity indoors)

Granularity

Available in a range of particle sizes, from powders to larger grains. Consult us for a product suitable for your application.

Delivery formats

- Flexible containers : 300 to 500 kg
- Paper bag : Aluminum laminated bag, PE bag