

Multifunctional inorganic excipient

FLORITE® Series

FLORITE® offers many advantages for various applications such as pharmaceuticals, food, cosmetics and other industrial uses.

FLORITE® is a synthetic calcium silicate with exceptional liquid absorbency and excellent compressibility due to a unique crystal structure. FLORITE® is a multifunctional excipient, which can be used as an API stabilizer and extended-release carrier, in addition to its use as an excellent liquid carrier and binder.

Liquid Absorbency

Absorb fivefold* amount of liquid of own weight for alteration to powder form
*It differs depending on the item.

Compressibility

Boost tablet hardness in the tableting process, even with a lower tableting pressure.
Decrease the risk of compressing troubles such as lamination.
Realize direct compression.

Improve Disintegration Speed of Tablets

Realize high disintegration speed by absorbing water inside of tablets even with high hardness



FLORITE®

Stabilizing Capability

Protect loading API in the macropore from light and oxygen

Release Control

Increase the dissolution rate of API and fragrance. in the macropore by combination use with polymer for coating

Solid Dispersion

Improve the release property of poorly water-soluble APIs in the macropore by amorphization