

Shepagel -WD Aluminum magnesium silicate suspended thickener

GENERAL INFORMATION

BENTONITE series of inorganic bentonite **Shepagel -WD**, is a highly purified, colorless and non-toxic mineral gel material, fine texture, small hardness and a little sense of sliding. Put the WD into the water, it can quickly expand and form a card-like structure of the gel-shaped, the gel has a good thixotropy, that is in the static state of thickening, semi-solid state, but under external force Thickening agent, suspending agent, emulsion stabilizer, fluid thixotropy regulator, widely used in daily chemical industry, pesticide and other industries.

1. Main features of YH-8801 aluminum:

Good suspension property.

Good dispersion property

Good transparency

Economical in price.

High purity

2. Physical index

Color	Appearance	Moisture (@105℃,2 hrs)	Fineness through 200 mesh	Whiteness	Surface viscosity(c. ps)	PH value (10% susp ension)
Light White	Free Flowing Powder	≤12.0%	≥95%	≥65	≥120	9-13

3. Typical Applications:

1. Pesticide
2. Fertilizer

4. Using method of YH-WD

Shepagel -WD is a highly adaptable inorganic gel product, according to the customer's system, there are two methods:

1) Direct adding method:

In the coating, pesticide and other suspension system, it can be added slowly before mixing or in all process of grinding, the amount is added according to the customer's formulation, generally add 0.5 to 2%.

2) Pre-gel method:

Add 5~10% **Shepagel -WD** into water, disperse at high speed for 20~30 minutes, and then add **Shepagel -WD** Pregel according to customer's formulation after mixing or grinding, generally the adding amount is 0.5~2% of the total system.

5. Packing And Shelf Life

The package is consists of external package(brown paper bag) and internal package(polyethylene film bag). The valve bag is also available and the weight is usually 25 ± 0.25 KG also can be customized. In the condition of dry place and proper temperature, the quality guarantee period is 36 months.