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**ZHEJIANG FENGHONG NEW MATERIAL CO., LTD.**

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## **FH-988L**

### **Bentonite**

#### **GENERAL INFORMATION**

FH-988L is a modified bentonite for water-based systems.

#### **ADVANTAGES**

- ☆ High gelling efficiency in water-based systems. Can replace traditional cellulose ether thickening agent.
  - ☆ Excellent thixotropy property, sag resistance and viscosity control.
  - ☆ Prevent hard settlement of pigment/fillers.
  - ☆ Ease of incorporation and Ease of dispersion.
  - ☆ Suite to wide PH range.
  - ☆ Good corrosion resistance and stable viscosity in different temperatures.
- Good bio-stability and heat resistance.
- ☆ Has apparent level limitation. Viscosity increases dramatically when exceeds certain amount.

<b>PHYSICAL PROPERTES</b>	<b>TYPICAL APPLICATION</b>
Color/Form: Light white, free flowing powder	Water-based paint&coatings
Moisture(@105°C,2hrs): ≤10.0%	Emulsion paint
PH value(2% suspension ): ≥9	Adhesive
	Sealant
	Cosmetics
	Toothpaste
	Grout

#### **INCORPORATION**

FH-988L can be added directly in powder form. No need for polar activator or pre-gel. Recommended procedures are as follows:

- (1) Water.
- (2) FH-988L(Dispersing at high speed shear for 15-30minutes).
- (3) Other additives(film-forming agent,dispersing agent,defoaming agent, etc).
- (4) Pigment and filler (Mixing and dispersing).
- (5) Emulsion (Mixing).



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(6) Post correct.

### **RECOMMENDED LEVELS**

The amount of FH-988L bentonite required depends upon the specific system and the degree of thickening or other properties desired. Addition levels are typically between 0.1%-1.0% based on the total formulation weight.

### **HEALTH AND SAFETY DATA**

Before handling this material, read the corresponding Safety Data Sheet (SDS) for safety, health and environmental data.

### **SHELF LIFE**

FH-988L has a shelf life of at least two years from date of manufacture. Store in a cool dry place.

### **CERTIFICATIONS**

ISO 9001 Quality System, ISO 14001 Environmental Management System, ISO 18001 Safety System

**MANUFACTURER: ZHEJIANG FENGHONG NEW MATERIAL CO., LTD.**

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NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchant ability and fitness for use. Purchases will be subject to a separate agreement which will not incorporate this document.