



ZHEJIANG FENGHONG NEW MATERIAL CO., LTD.
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www.zjfenghong.com

FH-173

Rheology Modifier



GENERAL INFORMATION

FH-173 is a kind of easily dispersed self-activating organoclay, which is a rheology modifier for esters, ketones, alcohols and ethers and other medium-high polarity solvents, paints and inks containing some aromatic solvents. It can be directly dispersed without an activator in xylene-esters (e.g., butyl acetate), xylene-ketones (e.g., cyclohexanone), and xylene-butanol, etc. in medium-high polarity solvent systems.

ADVANTAGES

- ☆ High efficiency and easy dispersing.
- ☆ Excellent viscosity stability, anti-sagging and anti-settling.
- ☆ Improve flow and leveling

PHYSICAL PROPERTIES	RECOMMENDED USE
Composition: Organic derivative of bentonite	• Anti-Corrosive paints
Color/Form: Light cream or Off white/ Finely divided powder	• Primers, undercoats
Density: 1.65 g/cm ³	• Decorative paints
Moisture: ≤3.5%	• Foundry paints
Fineness: 98% Min thru 200 mesh	• Industrial paints
	• Coil paints
	• Grease
	• Adhesives

INCORPORATIONS

FH-173 can be directly added to the grinding process of production processing, and FH-173 is fully dispersed and activated under the shear force of grinding (or stirring) and



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dispersing pigments.

FH-173 can also be added directly to the system through high-speed dispersion, and the dispersing requirements can be achieved without the need for polar activators.

RECOMMENDED LEVELS

FH-173 is typically used at levels of 0.2% - 1.5% by weight of the system, depending upon the degree of thickening or other properties desired. Laboratory testing is recommended to determine optimal level.

HEALTH AND SAFETY DATA

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

SHELF LIFE

FH-173 has a shelf life of at least two years from date of manufacture. Store in a cool dry place.

Package

15±0.25kg

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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