

Rheological additive application in the low,middle polarity solvent

GENERAL INFORMATION

HY-708H is a kind of excellent thickening thixotropic agent ,based on the natural calcium bentonite through purified,remodeled ,organic modified,used for low,middle polarity solvent.

PHYSICOCHEMICAL INDEXES

Appearance	White powder
Loss on ignition	28-31%
Fineness,45um(325mesh)	≥95%
Moisture content	0.8~3.5%
Density	1.65g/cm ³
Viscosity	≥1.5Pa.s

APPLICATION AND PRORERTIES

- Common paint Colored paint
- Ink Industry paint
- Marine paint Alkyd paint
- Lubricating grease Wood paint
- Varnish Polyester paint
- Road paint Silica paint

FEATURE

- ☆High thixotropic property
- ☆Easy to disperse
- ☆Anti-sagging,anti-sediment

INCORPORATION

HY-708H is widely used rheological additive,it can be directly added also can make pre-gel. It is better to used as pre-gel, should be added before grinding to get the best dispersion effect,it is best to use high-shearing device.HY-708H needs polar activator to fully disperse.

The available polar activators have:propylene carbonate,95% methanol(methanol/water 95/5),95%ethanol(ethanol/water 95/5) or acetone. The proper amount of polar activator can be adjusted according to different systems.Generally the amount of polar activator is 20-30% of organic bentonite.

HY-708H rheological additive,the usage amount depend on the organic system type and viscosity even other requirement.

The usage amount is usually 0.2~3.0% of the system (by weight)

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±0.25KG also can be customized.In the condition of dry place and proper temperature,the quality guarantee period is 36 months.

HEALTH AND SATETY DATA

Before using this product please consult our Material Safety Data Sheet(MSDS) for information on safe handling and storage.

MAIN PRODUCTS

Organoclay rheological additive
Water-based high purified bentonite
Activator bleaching earth
Drilling mud,paper,coating bentonite

CONTACT INFORMATION

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Super quality with best service on our customers

NOTE:The information herein is based on our acknowledge and experience to our products.However,the application way and field is different for customer,we can't guarantee that our products 100% fit all customer's formula.So every customer should re-test and experient if our products is suitable for your application field.We try our best to serve you well.