



Zhejiang Fenghong New Material Co., Ltd.

Tel +86-571-63806068/63711876

Fax +86-571-63751569/63806098

Tangpu Developing Zone, Anji County,  
Zhejiang Province, China. P.C. 313300

[bentonite@zjfenghong.com](mailto:bentonite@zjfenghong.com)

[www.zjfenghong.com](http://www.zjfenghong.com)

# HFGEL 120-N

## Rheology Modifier for Non-Polar to Medium Polarity Systems – Easy Dispersing

### GENERAL INFORMATION

HFGEL 120-N is an organophilic clay optimized for use primarily in aliphatic and other non-polar to medium polarity solvent-based systems. HFGEL 120-N belongs to the newest generation of high performance organoclays, being easy to disperse and self-activating. It can be added at any point in the manufacturing process and can be used to correct finished batches.

HFGEL 120-N imparts viscosity increase, sag control and prevents settling of pigments and fillers.

### ADVANTAGES

- Cost effective replacement for traditional organoclays
- Ease of incorporation, no need for polar activator or pre-gel
- Imparts stable viscosity build, sag resistance and pigment settling

### PHYSICAL PROPERTIES

Composition	Amine-treated bentonite clay
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Color/Form	Light cream, finely divided powder
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Density	1.6 g/cm <sup>3</sup>
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Moisture	3.5% Max
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### RECOMMENDED USE

- Oil-based paints and stains
- Printing inks
- Anti-corrosive paints
- Bituminous coatings
- Traffic paints
- Adhesives
- Caulks and sealants
- Primers, undercoats

### INCORPORATION

HFGEL-120-N is readily dispersible in the pigment grind under high shear in aliphatic or aromatic systems. It does not require heat for activation or a chemical activator to reach the proper level of activation. When added to a blend of solvents it is recommended to select a low to medium polarity one for the dispersion. If post adding it is suggested to do so under high speed dispersion, otherwise HFGEL 120-N should be allowed to mix for a minimum of 1 hour.



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### **RECOMMENDED LEVELS**

HFGEL 120-N is typically used at levels of 0.2% - 2.0% 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**

HFGEL 120-N 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



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25000 Country Club Blvd. Ste. 444 | North Olmsted, OH 44070 | Tel 800-635-4822 | Fax 440-686-2180 | [info@palmerholland.com](mailto:info@palmerholland.com) | [www.palmerholland.com](http://www.palmerholland.com)

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