Technical Data Sheet

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Enfinol® AD705

Version: 4

Performance Overview

- Enfinol® AD705 is a hydrophobic-modified alkali-swellable thickener that can be used for primary or co-thickener in waterborne coatings. It can significantly improve the flowing and levelling of paint films, compared with medium-high molecular weight cellulose.

Product Features

- Providing higher low-shear viscosity, improving sagging resistance and anti-settling properties
- Compared with high molecular weight cellulose, it provides better flow and levelling performance
- Good spatter resistance
- Good microbial and enzyme resistance
- Low viscosity and easy to handle

Physical Property

Products Typical Data

Appearance (25℃)	Milky white liquid.
Solid content (%)	30
Brookfiled viscosity（mPa.s）	18.5
pH	2.80

Application

- Latex paints
- Inks

Use Method

- It is recommended for alkaline systems and formulations with low water resistance requirements. In actual using, small amount of surfactant or ethylene glycol ether type co-solvent can be added according to applying requirements to reduce the low-shear viscosity of the product, so as to further improve the flowing and levelling of the coating
- Suggest diluted with water in 1:1 ratio and stirring fully before using . The optimal amount of addition should be determined by a series of tests

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- Use the original container to store in a cool, dry environment, avoid direct sunlight
- Shelf life of 12 months from the date of production

Service Restrictions

- This product has not been tested nor has it been specifically stated that it is suitable for medical or pharmaceutical use. It may not be used for human injection or consumption

Limited Warranty Information - Please read carefully

- The content of this product data sheet is based on the products owned by my company, and is provided for reference only
- Due to the numerous formulations, production, and application conditions, customers should pre-test the adaptability of my company's products before using them to determine their performance, efficiency, and safety.
- The suggestions we provide shall not be considered as a cause of any patent infringement. The sole responsibility of our company is to refund the money or exchange it for a product with same value
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