Technical Data Sheet

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Enfinol® DSP5

Version: 5

Performance Overview

- Enfinol® DSP5 is a wetting and dispersing agent based on polyether-modified styrene-maleic anhydride copolymer. It is widely used in waterborne coatings, resin-free pigment concentrates, printing inks, adhesives and other related applications.

Product Features

- APEO free and low VOC
- High versatility, compatible with carbon black, inorganic and organic pigments
- Significant viscosity reduction performance
- Improve gloss and color strength
- Offers excellent compatibility with various coating systems

Physical Property

Products Typical Data	
Density (20℃, g/cm^3) :	1.06
Non-volatile content (%) :	40
Acid value (mg KOH/g) :	10
Solvent :	Water

Application

- Water-borne coatings
- Printing inks
- Adhesives and sealants

Use Method

- Mix the additive with water, and then add the pigment after the additive is evenly distributed
- Recommended addition amount :

Water-borne coatings

Inorganic pigments	20 - 30%

Titanium dioxide	10 - 12%
Organic pigments	30 - 75%
Carbon black	130 - 150%
Printing inks	
Titanium dioxide	10 - 12%
Organic pigments, carbon black	15 - 50%
Adhesives and sealants	
Inorganic pigments	20 - 30%
Titanium dioxide	10 - 12%
Organic pigments	30 - 75%
Carbon black	130 - 150%
Fillers	1 - 3%

The above represents the recommended dosage; the optimal dosage should be determined through a series of experiments.

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- Use the original container to store in a cool, dry environment, avoid direct sunlight
- Shelf life---24 months

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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