

RT4470 Wetting Agent

Overview:

RT4470 exhibits high hydrophilicity and wetting properties, with excellent solubility and dispersibility. It is free of APEO emulsifying monomers and demonstrates good compatibility with high electrolytes. As an auxiliary emulsifier for emulsion polymerization, it possesses outstanding acid and alkali resistance.

Reference technical specifications:

Chemical composition: Nonionic surfactant isopropyl alcohol ether

Appearance: Colorless transparent liquid

Active content: 69-71%

pH value: 5.0-7.0

Solubility: easily soluble in water

Application:

- It can be used as an emulsifier in emulsion to improve the shear stability, temperature stability, and electrolyte stability.
- It can be used as a wetting agent in latex paint to improve color development and enhance the scratch resistance of the coating.
- It can be diluted with cold water at room temperature without forming a gel phase.
- The formulation features low VOC content and free of APEO, with medium-sized bubbles that enhance compatibility between color paste and emulsion. This significantly reduces color floating and mottling in latex paint while improving color intensity.

Advantage:

- Excellent wetting property;
- good emulsification property;
- It can improve the fullness of latex paint.
- The antifreeze stability of latex paint is increased.
- It has lower foaming property than similar products;
- The color development and gloss of latex paint were improved.

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Package and Storage:

Store in a dark place, keep unopened and stored at 5°C to 35°C. The product has a shelf life of 12 months from the date of production.

Available in 25kg/bucket and 200kg/bucket sizes, with customized packaging options for customers.

All data, including formulations, are authentic. However, customers must conduct experiments in their own laboratories or equipment for confirmation, and the company cannot make any commitments. Customers must comply with local patent regulations. Suppliers have the right to improve their products, and any modifications to specifications may be made without prior notice.