

BNK-4021 Fluorocarbon surfactant 氟碳表面活性剂

Properties and advantages

· Specially suitable for waterborne coating and waterborne printing ink. Soluble in organic solvent. The ability with speeding levelling. Strongly reduce the surface tension of coating and printing ink. Remarkable wettability and the dispersibility of pigment. Not evidently affecting the properties while PH value changed. Soluble in acid medium and alkaline medium, including soft water and hard water

Technical Data

Appearance (visual test)	light yellow or brown liquid
Decomposition temperature (°C)	200
HLB	17
Surface tension 0.1%	17±1
Active substance content	12%
Solubility	Not soluble in n-heptane, toluene, chlorroform, tetrahydrofuran, acetic ether. Soluble in alcohol, isopropanol, acetone, water and organic solvent.

Application Fields

Suitable for high-end waterborne coating and printing ink. It also can be used as detergent, latex, emulsifier, fluoro-protein foamite, Oil displacement agent, oil collection agent, foaming agent, antistatic agent, chromium fog inhibitor, paper oil resistance agent etc.

Usage

Generally added in the process of production. Please fully mix before usage.

Recommended dosage

0.04-0.3% (based on total amount formula). Testing is strongly recommended to make sure the best usage and dosage before usage.

Packing

1KG/5KG/25KG

Storage and transportation

It's dangrous product. Must keep in a dry and air place avoiding sunlight and rain. This is non-dangerous product. The validity date is six months.



特性与优点

- 特别适用于水性涂料和水性油墨
- 能溶解于有机溶剂，那可添加入溶剂性涂料和油墨
- 具有快速流平的功能，同时能迅速消泡，不稳泡
- 超强降低涂料和油墨的表面张力，良好的渗透能力
- 非常优异的润湿性和对颜料的分散性
- PH 值的变化无明显影响，既可溶解于酸性介质，也可溶解于碱性介质，包括软水和硬水

技术数据

外观 (目测)	淡黄色清澈液体
分解温度 °C	200
HLB 值	17
表面张力 0.1%	17 ± 1
活性物含量 (%)	12%
溶解性	不溶于正庚烷、甲苯、氯仿、四氢呋喃、醋酸乙酯，溶于甲醇、异丙醇、丙酮、水及有机溶剂

应用领域

适用于高档水性涂料、油墨；并可用于洗涤剂、胶乳、乳化剂、起泡剂、防静电剂、蜡雾抑制剂、纸张防油处理剂等。

使用方法

使用前请充分搅拌均匀，如有必要可加热一般在制造过程阶段加入。

推荐用量

本品的建议添加量为 0.04%—0.3% (按总配方计)，建议使用前应试验以确定最佳用法和用量。

包装规格

1KG/5KG/25KG

储存运输

本品为危险品，运输、储存时要远离热源、火源，避免日晒雨淋。本品未用完前，每次使用后容器应严格密封，本品使用有效期为 6 个月。