

BNK-4036 Fluorocarbon surfactant 氟硅表面活性剂

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 clear liquid
Decomposition temperature(°C)	180-245
PH value	7-8
Surface tension 0.1%	25±1
mN/m 0.01%	39±1
Active substance content	25%
Solubility	Soluble in dimethyl sulfoxide, carbinol, alcohol, isopropanol, water.

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

0.04-0.2% (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 dangerous 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
- 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
- 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

技术数据

外观 (目测)	微黄色透明液体
分解温度 °C	180-245
PH 值	7-8
表面张力 0.1%	25±1
mN/m 0.01%	39±1
活性物含量 (%)	25%
溶解性	溶于二甲基亚砷、甲醇、乙醇、异丙醇、水

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、铬雾抑制剂、纸张防油处理剂等。

使用方法

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%-0.2% (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。