



Multifunctional surfactant

RK-8305

Features and advantages:

RK-8305 surfactant product is a multifunctional additive with wetting, defoaming and dispersing properties. The series of surfactant is alkynyl alcohol polyoxyethylene ether modified silicone polymer, can improve the hydrophilicity of the product, increase its solubility in water, improve the wetting and defoaming performance. This series of different addition products, with different water solubility, expand the use. And compound FDA standards.

The agent can quickly and effectively reduce the surface tension of the system, wet the substrate, spread on the surface of the substrate can wet the metal, plastic surface, even if there is dust and oil on the surface, can also be very good wetting substrate; And will not stabilize the foam, but also help to defoaming; It can improve even coating without fisheye or small needle eye, and improve leveling.

Product specifications:

Turbidity point: Test solution is 5% 25% ethylene glycol monobutyl ether solution

Chromaticity /	≤350
composition	Alkynyl alcohol modified silicone polymer



Density/g/ml	0.995—1.005
Cloud point / °C	35—38
Static surface tension	27.0—30.0
Dynamic surface tension	36.0—39.0

Application areas:

Water-based coatings, water-based pressure sensitive adhesives, fountain solution, inkjet inks, emulsion impregnation, electroplating solution, this additive is also recommended for the production of stable general purpose pigment concentrate.

Recommended dosage:

Waterborne paint: 0.1% - 3.0%

Water-based pressure sensitive adhesive: 0.1% - 1.0%

Fountain solution: 0.1% - 1.0%

Ink-jet ink: 0.1% -- 1.0%

The above data are empirical dosage, and the optimal dosage needs to be determined through a series of tests.

Usage: mix thoroughly before use and then add to the formula system. Add to the recipe and scatter for 15-30 minutes.

Packing: 25kg inner coated iron drum or 180kg ring plastic drum