

Soluwet100

Nonionic surfactant for grinding pigment and making emulsion

Polyoxy(ethylene, propylene) copolymer: $\text{HO}-(\text{C}_2\text{H}_4\text{O})_a(\text{C}_3\text{H}_6\text{O})_c(\text{C}_2\text{H}_4\text{O})_c-\text{H}$

APE free surfactant

Typical properties

Appearance	Flake
Molecular Weight	8,600
%Active	>98
Flash Point (°C)	>200
Solubility	Water Solvents
	Soluble Alcohol, Acetone, Chloroform, Diethyl ether

Compatibility of Soluwet100

Soluwet100 is compatible with most common solid resins and emulsions. Dissolution with water, alcohol, ketone and ether solvent

Application

- I. Dispersing and wetting additive for grinding pigment application in ink.
 - It can be added during making ASR solution to improve grinding performance
 - Dosage **3~5%wt of total ASR solution** (see below guide formulation)
 - Can be dissolved by water to be a post-added additive to improve rheological behavior and storage stability of pigment concentrate (see below guide formulation for dissolution)
 - Dosage **1-3% wt solution of total pigment concentrate.**
- II. Can be dissolved by water to be an additive for improve gloss, leveling and compatibility of water-born varnish system.
 - Dosage **1-3% wt solution of total varnish.**
- III. Secondary surfactant for water born emulsion polymerization(combine with primary surfactant/Anionic surfactant) for improves emulsion stability.
 - Dosage **0.2-1% wt of total monomer.**

Guide Formulations

■ Dissolution

Soluwet100	35
Water	65
Total	100

The information given herein and other otherwise supplied to users is based on our general experience and where applicable, on the results of tests on samples of typical manufacture. However, because of the many factors which are outside knowledge and control, which can effect the use of these products, users must rely on their own judgment and we cannot accept liability for any injury, loss or damage resulting from reliance upon such information.

■ **ASR Solution**

ASR Resin	28
Soluwet100	3~5
MEA	7.5
n-propanol	4.5
Water	57~55
Total	100

Recommended ASR: S-160

Safety Information

Soluwet100 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluwet100 and our manufacturing process do not include any hazardous or regulated materials.

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