

SOLURL 100

Grinding Vehicle & Polymer surfactant for Water-based Products

Features

- Good pigment dispersion
- Excellent ink transfer and printability
- Good viscosity stability and High gloss

Typical Properties

Appearance	Clear pellet
Molecular Weight	10,000
Non Volatiles, wt%	>98.5
Acid Number, mgKOH/g	215
Tg, °C	110
Density, g/ml	1.125
Softening Point, °C	155

Compatibility of Solurl 100

Solurl 100 is compatible with most common emulsions. Dilution with glycols, glycol ethers and alcohols is excellent.

Application

- Pigment grinding vehicle
- Polymer surfactant for emulsion
- Coating materials for water-based OPV

Solution Preparation and Properties

The following formulations are offered as starting points of making resin solutions. The resin should be cut under agitation by high-speed mixers. Although Solurl 100 will dissolve at room temperature, the solution process can be greatly accelerated by use of warm water up to 70°C.

Solurl 100	30.0	30.0
D. Water	62.5	62.5
Ammonia Water (28%)	7.6	-
Monoethanol amine	-	7.5
pH	8.6	8.6
Viscosity, cps (25 °C, Brookfield)	400	900

Safety Information

Solurl 100 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds as well BTX. And raw materials for Solurl 100 and our manufacturing process do not include any hazardous or regulated materials. In addition, Solurl 100 is being prepared for FDA regulation 21CFR 175.105, 21CFR 175.210, CFR 175.300, 21CFR 175.320, 21CFR 176.170, 21CFR 176.180.

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.