

SOLURL 70

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	7,000
Non Volatiles, wt%	>98.5
Acid Number, mgKOH/g	216
Tg, °C	100
Density, g/ml	1.125
Softening Point, °C	145

Compatibility of Solurl 70

Solurl 70 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 base 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 70 will dissolve at room temperature, the solution process can be greatly accelerated by use of warm water up to 70°C.

Solurl 70	30.0	30.0
D. Water	63.0	63.0
Ammonia Water (26%)	7.0	-
Monoethanol amine	-	7.0
pH	8.1	8.3
Viscosity, cps (25 °C, Brookfield)	500	750

Safety Information

Solurl 70 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 70 and our manufacturing process do not include any hazardous or regulated materials.

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.