SOLURYL 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	218
Tg, °C	115
Density, g/ml	1.125
Softening Point, °C	155

Compatibility of Soluryl 70

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

Soluryl 70	30.0	30.0
D. Water	62.8	62.8
Ammonia Water (28%)	7.2	–
Monoethanol amine	–	7.2
pH	8.5	8.7
Viscosity, cps (25□, Brookfield)	500	750

Safety Information

Soluryl 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 Soluryl 70 and our manufacturing process do not include any hazardous or regulated materials. In addition, Soluryl 70 is being prepared for FDA regulation 21CFR 175.105, 21CFR 175.210, CFR 175.300, 21CFR 175.320, 21CFR 176.170, 21CFR 176.180.