

Eco SOLURYL 124

Glycol ether free Grinding Vehicle & Polymer surfactant for Water-based Products

Features

- Glycol ether free
- Good pigment dispersion
- Good ink transfer and printability
- Suitable for highly viscous inks

Typical Properties

Appearance	Clear pellet
Molecular Weight	12,800
Non Volatiles, wt%	>99
Acid Number, mgKOH/g	218
Tg, °C	110
Density, g/ml	1.128
Softening Point, °C	160

Compatibility of Eco Soluryl 124

Eco Soluryl 124 is compatible with most common emulsions. Dilution with glycols, glycol ethers and alcohols is excellent.

Application

Pigment grinding vehicle for Glycol ether free ink
 Polymer surfactant for Glycol ether free emulsion
 Coating materials for Glycol ether free 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 Eco Soluryl 124 will dissolve at room temperature, the solution process can be greatly accelerated by use of warm water up to 70°C.

Eco Soluryl 124	30.0	30.0
D. Water	61.8	62.7
Ammonia Water (28%)	8.2	–
Monoethanol amine	–	7.3
pH	8.8	8.8
Viscosity, cps (25°C, Brookfield)	2,200	2,100

Safety Information

Eco Soluryl 124 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Eco Soluryl 124 and our manufacturing process do not include any hazardous or regulated materials. In addition, Eco soluryl 124 is being prepared for FDA regulation 21CFR 175.105, 21CFR 175.210, CFR 175.300, 21CFR 175.320, 21CFR 176.170, 21CFR 176.180.