

SOLURYL E-8040

Styrene-Acryl Emulsion for Water-based Products

Features

- Let-down vehicle for flexographic ink
- Good hiding power
- Good coloring and fast drying
- Good ink transfer and printability
- Suitable for corrugated paper

Typical Properties

Appearance	Opaque emulsion
Molecular Weight	>200,000
Non Volatiles, wt%	48.9
Acid Number, mg KOH/g	42
Tg, °C	80
Density, g/ml	1.04
pH	8.0
Viscosity, cps, (25°C, Brookfield)	2,000
Freeze/Thaw Stability	5 cycles

Compatibility of Soluryl E-8040

Soluryl E-8040 emulsion is compatible with a wide range of other acrylics. Dilution with glycols, glycol ethers and alcohols is excellent. It is advisable to pre-mix solvents before adding to the polymer to avoid any possible "solvent shock".

Recommendation for end-use

Let down vehicle for corrugated paper

Pigmentation

Soluryl E-8040 is compatible with most organic and inorganic pigments used in water-based inks. As with all water-based carboxylated acrylic polymers, care must be taken with barium and calcium based organic red pigments as certain types can cause thickening. The best results are obtained by dispersing the pigments into Soluryl-70 and letting down with Soluryl E-8040.

Safety Information

Soluryl E-8040 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl E-8040 and our manufacturing process do not include any hazardous or regulated materials.