

Soluryl RX-30

Crosslinked Acryl-Styrene Emulsion for Water-based Products

Features

- High gloss, clear and transparent
- Excellent rub resistance
- Good water resistance
- Excellent transfer and printability
- Good compatibility with Soluryl solid resins and emulsions
- Newtonian-like flow behavior

Typical Properties

Appearance	Translucent emulsion
Total Solids, wt%	48.5
Volatile	Water
Neutralizing agent	Ammonia
Molecular Weight	>200,000
Acid Number, mgKOH/g	25
Tg, °C	27
Viscosity, cps	1,200
Density, g/ml	1.05
pH, 25 °C	8.5
Freeze/Thaw Stability	5 cycles

Compatibility of Soluryl RX-30

Soluryl RX-30 emulsion is compatible with a wide range of other acrylics.

Dilution with glycols, glycol ethers and alcohols is excellent.

Soluryl RX-30 can be diluted with water/alcohol blends.

It is advisable to pre-mix solvents before adding to the polymer to avoid any possible "solvent shock".

Recommendation for end-use

- Overprint varnishes for rub resistance and hard film forming coating
- Paper coating and Let down vehicle for excellent gloss and rub resistance
- Let down vehicle for good adhesion for Al foil

Safety Information

Soluryl RX-30 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl RX-30 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.