

SOLURYL 60L

Low Acid number and Low Tg Solid Resin for Water-based Products

Features

- Heat seal property
- Water and alkali resistance
- Good film forming and adhesion property
- Dissolution in any solvent

Typical Properties

Appearance	Clear pellet
Molecular Weight	6,500
Non Volatiles, wt%	>98
Acid Number, mgKOH/g	85
Tg, °C	70
Density, g/ml	1.13
Softening Point, °C	60

Compatibility of Soluryl 60L

Soluryl 60L is compatible with most common emulsions. Dilution with glycols, glycol ethers, alcohols, ketones, acetates, benzene derivatives and any organic solvent is excellent.

Application

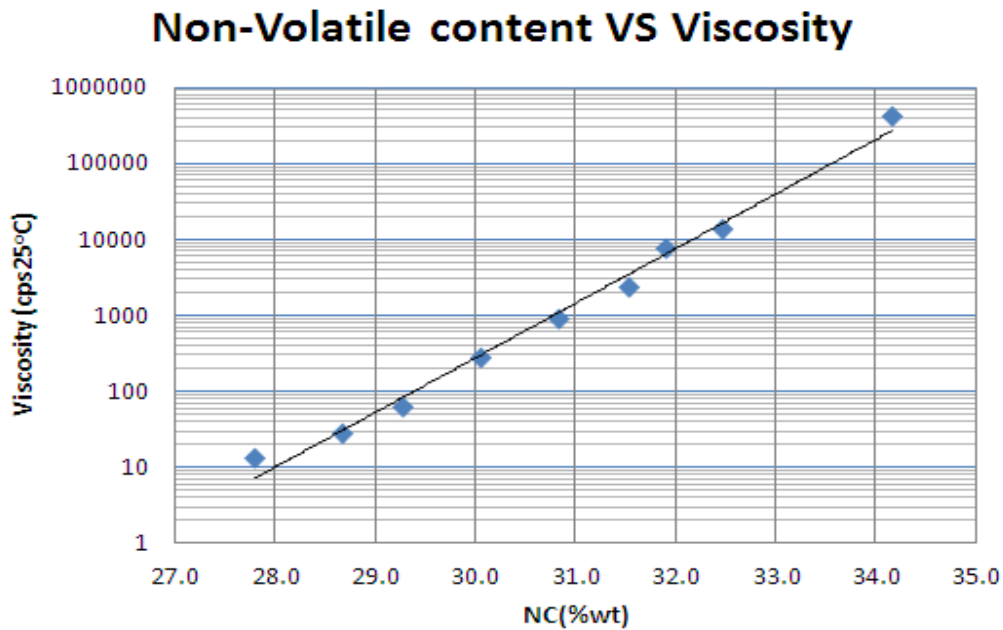
- Polymer surfactant for emulsion for wall paper, blister pack, wood coating and graphic arts
- Coating materials for water base OPV
- Solvent base ink and OPV

Solution Preparation and Properties

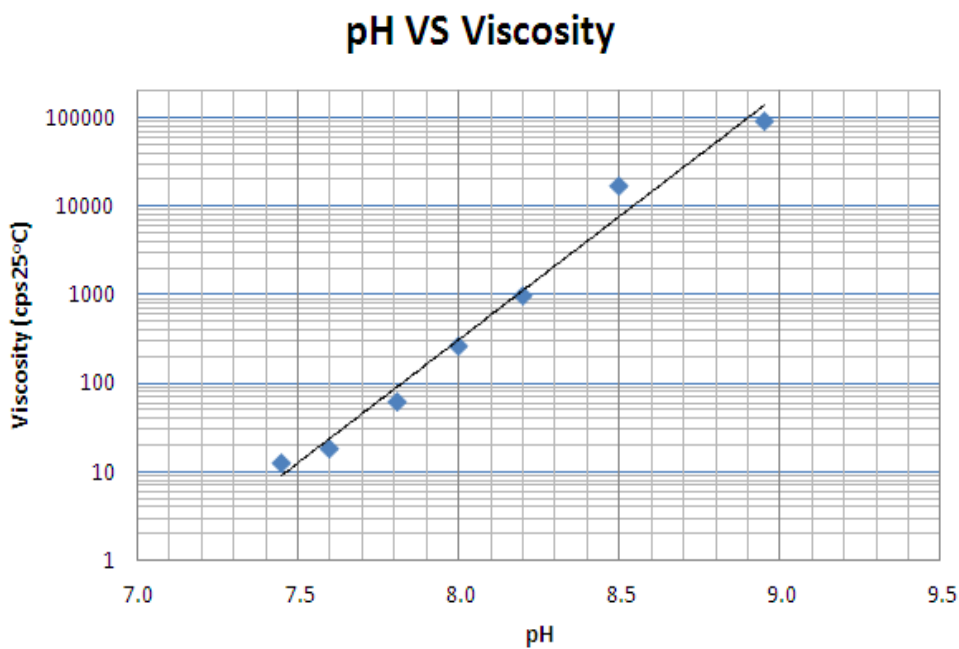
The following formulations are offered as starting points of making resin solutions. The resin should be cut under agitation by high-speed mixers. Although Soluryl 60L will be dissolved at room temperature, the solution process can be greatly accelerated by use of warm water up to 70°C.

Soluryl 60L	30.0	30.0
D. Water	67.0	67.0
Ammonia Water (28%)	3	–
Monoethanol amine	–	3
pH	8.0	8.0
Viscosity, cps (25□, Brookfield)	350	500

The viscosity change as non-volatile contents (Ammonia cut)



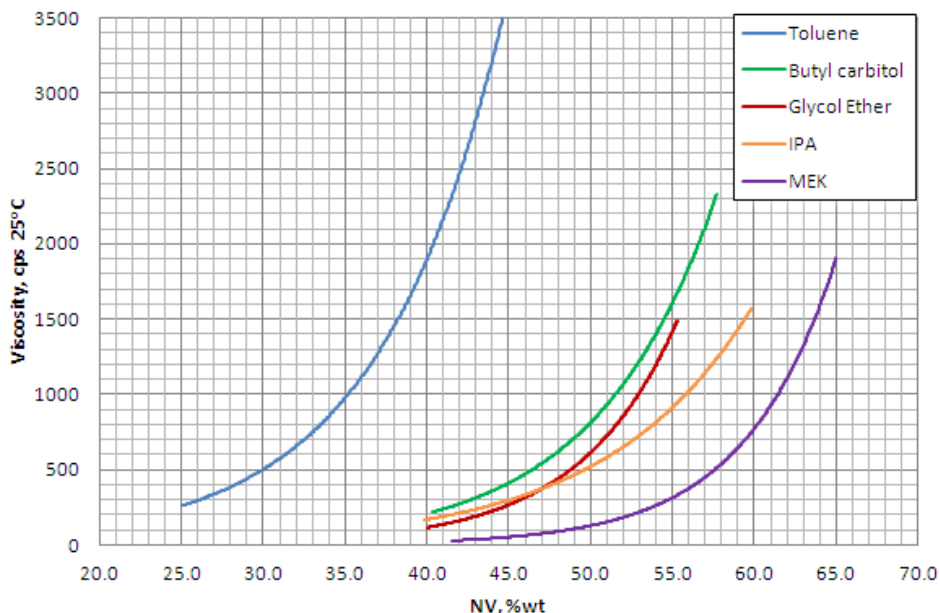
The viscosity change as pH (Ammonia cut)



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.

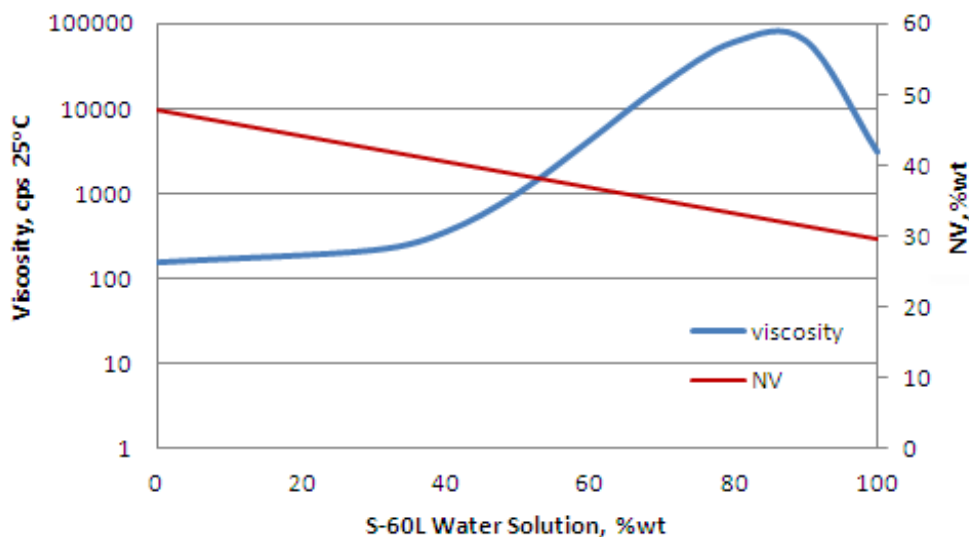
The solution characteristic of S-60L solution each solvents

S-60L solution each solvents



The solution characteristic of S-60L Water solution and Ethanol solution mixture

Mixture of S-60L Water solution and Ethanol solution



Safety Information

Soluryl 60L is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl 60L and our manufacturing process do not include any hazardous or regulated materials.

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