SOLURYL S-122W

Low Acid number Solid Resin for Water-based Products

Features

- Good Hardness
- Good Water and Chemical resistance
- Good Emulsion characteristics as polymer surfactant
- Dissolution in any solvent

Typical properties

Properties	Specification
Appearance	Clear pellet
Molecular Weight	12,000
Non Volatiles, wt%	> 99.0
Acid Number, mg KOH/g	78
Tg, ℃	103
Density, g/ml	1.13

Compatibility of Soluryl 122W

Soluryl 122W 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 wood coating
- Coating materials for water-based OPV

Safety information

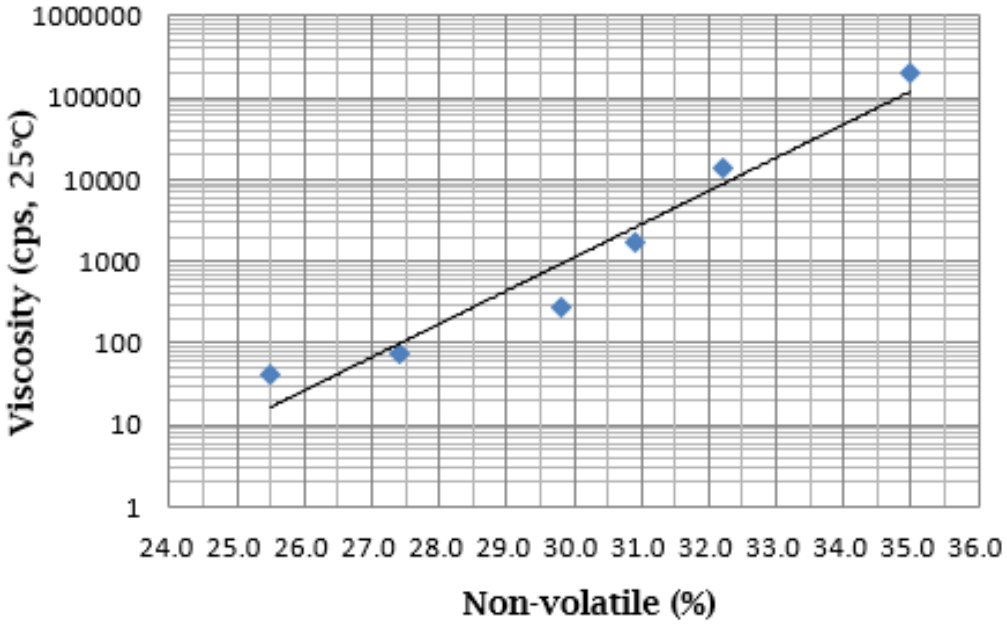
Soluryl S-122W is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl S-122W and our manufacturing process do not include any hazardous or regulated materials.

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 122W will be dissolved at room temperature, the solution process can be greatly accelerated by use of warm water up to 80℃.

Soluryl 122W	30.0
D. Water	67.4
Ammonia Water (28%)	2.6
pH	8.0
Viscosity, cps (25℃, Brookfield)	100

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



The viscosity change as pH (Ammonia cut)