



Hanwha chemical (Thailand) Co., Ltd.
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Soluryl-802

Resin Solution for High Performance Water-based Products

Features

- Excellent pigment dispersion
- Excellent ink transfer and printability
- Good film forming property and adhesion
- Good compatibility with Soluryl emulsions

Typical Properties

Appearance	Amber solution
Molecular Weight	16,500
Non Volatiles, wt %	37.5
Acid Number, mg KOH/g	235
Tg, °C	80
Density, g/ml	1.04
pH	8.8
Viscosity, cps	700
Freeze/Thaw Stability	5 cycles

Formulations of Soluryl-802

This is the guide formulation for making the resin solutions. The resin solution should be made under agitation as fast as possible. If the foam is produced a lot, you should add defoamer into the solution. The dissolving temp is recommended about 70~80°C normally

Ingredient	Formulation
Soluryl 160	27.0
MEA	8.0
Water/alcohol	57.5
Soluwet 100	2.0
Soluwet 200	5.0
Defoamer	0.5
Total	100

Application

High performance grinding vehicle for the water base ink

Safety Information

Soluryl 802 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl 802 and our manufacturing process do not include any hazardous or regulated materials.



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The viscosity change as non-volatile contents

MEA cut

