

SOLURYL S-840

Styrene Acrylic resin for the neutral pH water-based products

Features

- Be able to make the neutral pH products
- High gloss
- Good pigment dispersion
- Good polymer surfactant for emulsion polymerization

Typical Properties

Appearance	Clear pellet
Molecular Weight	7,200
Non Volatiles, wt%	>98
Acid Number, mgKOH/g	238
Tg, °C	110
Density, g/ml	1.15
Softening Point, °C	120

Compatibility of Soluryl S-840

Soluryl S-840 is compatible with most common emulsions. Dilution with glycols, glycol ethers and alcohols is good.

Application

Soluryl-840 is alkaline soluble resin for neutral pH water-based products.

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 840 will dissolve at room temperature, the solution process can be greatly accelerated by use of warm water up to 70°C.

Soluryl 840	31.5	31.5
D. Water	61.1	61.0
Ammonia Water (28%)	7.4	-
Monoethanol amine	-	7.5
pH	7.0	7.0
Viscosity, cps (25□, Brookfield)	400	650

Safety Information

Soluryl 840 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl 840 and our manufacturing process do not include any hazardous or regulated materials.