

S-80 (Temporary)

Grinding Vehicle & Polymer surfactant for Water-based Products

Features

- Good pigment dispersion
- Excellent ink transfer and printability
- Good Viscosity Stability & High gloss

Typical Properties

Appearance	Clear pellet
Molecular Weight	8,500
Non Volatiles, wt%	>98.5
Acid Number, mg KOH/g	218
Tg, °C	115
Density, g/ml	1.125

Compatibility of S-80

S-80 is compatible with most common emulsions. Dilution with glycols, glycol ethers and alcohols is excellent.

Application

Pigment grinding vehicle
 Polymer surfactant for emulsion
 Coating materials for water base 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 S-80 will dissolve at room temperature, the solution process can be greatly accelerated by use of warm water up to 70°C.

S-80	30.0	30.0
D. Water	62.0	62.2
Ammonia Water (28%)	8.0	–
Monoethanol amine	–	7.8
pH	8.5	8.7
Viscosity, cps (25°C, Brookfield)	500	1,500

Safety Information

S-80 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds as well BTX. And raw materials for S-80 and our manufacturing process do not include any hazardous or regulated materials.