



Nippon Paper Chemicals
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Technical Information

SUPERCHLON® 814HS

1. Introduction

SUPERCHLON 814HS is mainly used for printing inks and coatings to polyolefins, especially to polypropylene substrate.

SUPERCHLON 814HS is easily soluble in various organic solvents, therefore customers can freely select solvents for their uses. Another excellent property is that has a good compatibility with various kind of resins.

SUPERCHLON 814HS is suitable to use in various ink systems such as **gravure** and **flexo** inks.

2. General properties

Appearance: Pale yellow pellet

Odor: Resin itself

Free chlorine: None

Softening temperature: 85 C

3. Specifications

Chlorine content (WT%): 41 +/-1

Viscosity (mPa.s @25 C): 500 - 2000

Gardner Color No.: 6 or less

- viscosity and color measurement: 60% solids solution
- solvent composition: toluene

SHELF LIFE: 6 months (from EXGO IWAKUNI WORKS)

4. Solubility

Solvent	Viscosity (mPa.s)	Observation
Ethyl acetate (EA)	5	Clear
Methyl ethyl ketone (MEK)	5	Clear
Methyl cyclohexane (MCH)	-	Insoluble
EA / MCH = 1 / 1	6	Clear
EA / MCH = 4 / 1	6	Clear
MCH / MEK = 1 / 1	6	Clear
MCH / MEK = 1 / 4	6	Clear
EA / MCH / IPA = 10 / 9 / 1	6	Clear
EA / MCH / IPA = 5 / 4 / 1	6	Clear
EA / MCH / IPA = 9 / 9 / 2	6	Clear
EA / MCH / MEK = 4 / 3 / 3	5	Clear
EA / MCH / MEK = 5 / 2 / 3	6	Clear
MCH / MEK / IPA = 9 / 10 / 1	6	Clear
MCH / MEK / IPA = 4 / 5 / 1	6	Clear
MCH / MEK / IPA = 9 / 9 / 2	6	Clear
Toluene	6	Clear

Note: viscosity @25 degrees C, solid content = 20%

All information is given in good faith, but without warranty. Freedom from patent restrictions should not be assumed.