



PAPER Chemical

Dry strength

Trade Name	Chemical Nature	pH	Solid	Viscosity (cP)	Application and Properties
Hopelon 3150B	Anionic polyacrylamide	5.0-6.5	15 %	10-50	Linerboard and corrugating medium. Improving dry strength, formation, surface strength. Brusting strength for printing and writing.

Wet strength

Trade Name	Chemical Nature	pH	Solid	Viscosity (cP)	Application and Properties
U-RAMIN P 1500	Cationic Urea Formaldehyde resin	7.0-7.5	35 %	15-35	Most economical wet strength resin and good broke recovery.
U-RAMIN P 5500	Epoxy modified polyamide Cationic resin	4.0-5.0	12 %	15-40	Good effect on improving thin paper especially wet strength paper.
U-RAMIN P 5600	Epoxy modified polyamide Cationic resin	4.5-6.0	30 %	26-65	Improve strength of wet paper and improve fine retention.



PAPER Chemical

Insolubilizer

Trade Name	Chemical Nature	pH	Solid	Viscosity (cP)	Application and Properties
U-RAMIN P-6102	Melamine Formadyhyde Resin	8.0-10.0	70-75 %	200-600	Improve water resistance of surface and stiffness of paper and board.
U-RAMIN PG	Glyoxal	2.0-3.0	40 %		Improve water resistance of surface after off machine
U-RAMIN ZR-101	AZC type	9.0-10.5	30 %	5-15	Strength Improve immediately after off machine.

Paper coating binder

Trade Name	Chemical Nature	pH	Solid	Viscosity (cP)	Application and Properties
Acrylax-88	Acrylic emulsion latex	7-9	50 %	200-400	Coated paper and coated board, hard film, good printability.
Acrylax-8906	Acrylic emulsion latex	7-9	50 %	500-1000	Coated board, moderately flexible film, good ink set, ink reception and for packaging.
Acrylax-8907	Acrylic emulsion latex	7-9	50 %	200-1000	Coated board, moderately flexible film, good gloss, ink reception and opacity.
Acrylax-8911	Acrylic emulsion latex	7-9	50 %	500-1000	Coated board, moderately flexible film, good ink set, ink reception and for packaging.



Flocculants

Accofloc

Grade	Major Content	Ionicity	Aqueous Solution pH (0.1 %)	Bulk Density (gr/ml)	Viscosity (0.1%) (cps*at 25C)	Application
A110	Polyacrylamide	Highly anionic	6.5-7.5	5.5 -6.5	260	Super solid-liquid separation in weak acid and weak alkaline pH. (1). Civil engineering, gravel, dredging, mining and coal washing waste water. (2). Metal processing, Chemical and other factory waste water. (3). Fishery, food, textile, dye and other waste water
A120	Polyacrylamide	Highly anionic	6.5-7.5	5.5 -6.5	280	

Mirfloc (HW)

Grade	Major Content	Ionicity	Aqueous Solution pH (0.1 %)	Bulk Density (gr/ml)	Viscosity (0.1%) (cps*at 25C)	Application
120UH	Polyacrylamide	Highly anionic	6.5-7.5	5.5 -6.5	320	Super solid-liquid separation in weak acid and weak alkaline pH. (1). Civil engineering, gravel, dredging, mining and coal washing waste water. (2). Metal processing, Chemical and other factory waste water. (3). Fishery, food, textile, dye and other waste water
125UH	Polyacrylamide	Highly anionic	6.5-7.5	5.5 -6.5	350	

Polymer

Grade	Major Content	Ionicity	Aqueous Solution pH (0.1 %)	Bulk Density (gr/ml)	Viscosity (0.1%) (cps*at 25C)	Application
C495H	Polyacrylamide	Cationic	3-6	5.5 -6.5	370	Dewatering of Inorganic sludge from sewage, human waste, industrial waste water, paper and pulp sludge, etc...



Ink

Wax

Trade Name	Chemical Nature	pH	Solid	Particle size (µm)	Vicat softening point (C)	Viscosity (mPa.s)	Application and Properties
W400	Polyolefin	9	40 %	4	110	1000	<ul style="list-style-type: none">• Rub-off Resistance Improve for Water-based Ink.• Release Agent for Paper and Film.• Slip Agent for paper, Film and Metal.• Anti-blocking Agent.