

TECHNICAL DATA SHEET

Fuxin-Print MSG

REACTIVE PRINTING THICKENER

活性印花糊料



Foshan Fushixin Polymer Fiber Co., Ltd.

Fuxin-Print MSG

Reactive Printing Thickener

It's suitable for reactive printing on cotton and rayon fabrics, and especially suitable for rayon to high color value and bright color.

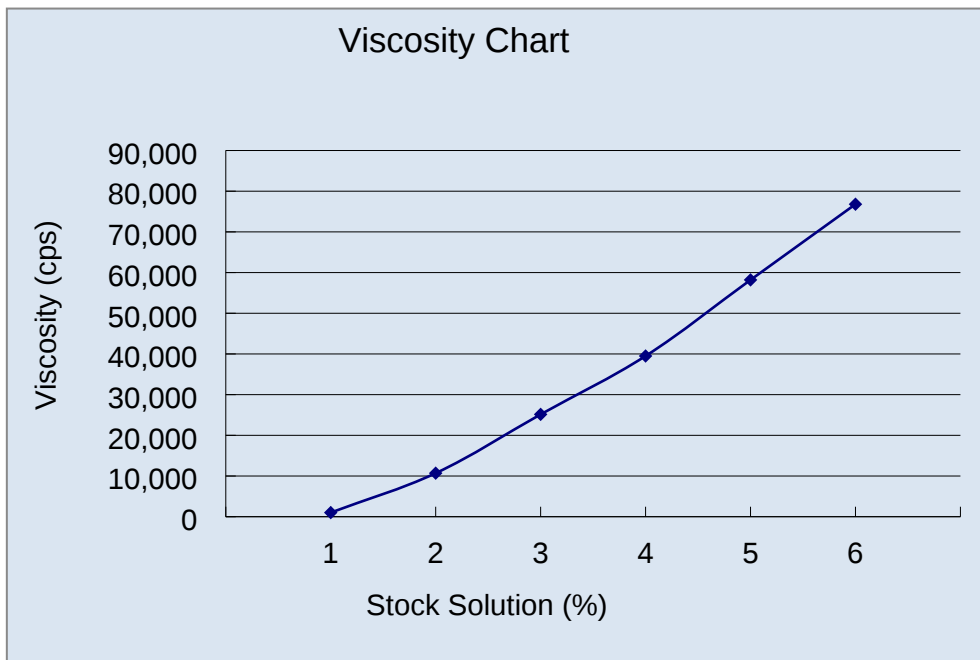
ADVANTAGES

- High color value, much higher than sodium alginate.
- Brighter color shade, especially for blue and red.
- Good sharpness of the prints.
- Less dosage of color paste for printing.
- High efficiency, easy to make a stock paste.
- Complying with OEKÖ-TEX 100 standard

SPECIFICATIONS

- Appearance White to light brown powder
- Stock Paste 5%
- Viscosity (25°C) 50,000 ~80,000cps
- pH Value 7.5~8.5
- Solubility Soluble in cold water
- Ionic Anionic

	1%	2%	3%	4%	5%	6%
Viscosity*	1,010	10,700	25,150	39,500	58,200	76,800
PVI*	0.53	0.26	0.23	0.22	0.22	0.22



*Viscosity observed with Brookfield DV-II+Pro viscometer, spindle No.6,7,20rpm

*P.V.I. checked with Brookfield DV-II+Pro viscometer, spindle No.6, 7,20 rpm / 2 rpm

PACKING & STORAGE

- 25 KGS Net Wt. paper bag with PE liner inside
- Keep in cool and dry warehouse. Opened package should be fastened up.

APPLICATION

- Stock paste

Recipe	Percentage	Remark
SEATEX CR-S	5%	Viscosity
Water	x	58,000cps
TOTAL	100%	100%

* Time of make a stock paste is about 1-2 hour.

- Printing Process

Printing → Dry (100-110°C, 1-2min.) → Steam (102-105°C, 8-10 min.) →

Washing (Cold - Hot Soaping - Hot - Warm - Cold) → Drying → Dry

- Color Paste

	Recipe 1	Recipe 2	Recipe 3	Recipe 4
SEATEX CR-S*	-	60%	-	30%
SEATEX H8 *	60%	-	20%	10%
SEATEX RS-T *	-	-	40%	20%
NaHCO ₃	3%	3%	3%	3%
Argacel PT-S	0.5%	0.5%	0.5%	0.5%
Urea*	15%	15%	15%	15%
Water	x	x	x	x
TOTAL	100%	100%	100%	100%
Viscosity(cps)	7,350	7,500	7,550	7,500

* SEATEX CR-S: 5% stock paste, 58,400cps

* SEATEX H8: 5% stock paste, 24,350cps

* SEATEX RS-T: 5% stock paste, 62,400cps

Printing Swatch Comparison (100% Rayon woven)

Blue: Reactive Blue P-3R O.W.P. 5.0%

----- Recipe 1-----|----- Recipe 2-----

----- Recipe 3-----|----- Recipe 4-----



Printing Swatch Comparison (100% Rayon woven)

Blue: Reactive Red P-2GN O.W.P. 5.0%

----- Recipe 1-----|----- Recipe 2----- ----- Recipe 3-----|----- Recipe 4-----



Printing Swatch Comparison (100% Rayon woven)

Blue: Reactive Black B O.W.P. 5.0%

----- Recipe 1-----|----- Recipe 2-----

----- Recipe 3-----|----- Recipe 4-----



- Less Usage of Color Paste

Test Method:

- 1、 Weight before print, W1
- 2、 Weight the fabric after print and before dry, W2

	W1(g/m ²)	W2(g/m ²)	Usage of color paste (g/m ²)
Recipe 3	155	225.4	70.4
Recipe 4	155	220.9	65.9
			-6.8%