



JK-079S

A NEW PRODUCT TO REPLACE SODIUM ALGINATE FOR REACTIVE PRINTING

CHEMICAL NAME: Guar Gum Derivatives

INCI: Carboxymethy Guar

CAS Number: 39346-76-4

Applications

JK-079S is a nonionic polymer sourced from natural guar plant. This product can be used to replace Sodium Alginate for the reactive dyes to get a same level of print sharpness, high color yield, easy washing-off and good hand feel.

Features

Natural organic plant sourced

Soluble in cold water

Easy to gelatinize, good dispersion

Good combability with reactive dyes, help to save the usage of reactive dyes

Improve the color yield, print sharpness, washing-off and hand feel

Specifications

Appearance	White to Yellowish powder
Viscosity (mPa.s) (25°C, 4.2% sol., Brookfield, Spindle 4#, 30RPM)	>10000mPa.s
pH value	6.5~8.5
Water soluble	Soluble in cold water

Packing

25Kg net weight, multiwall bag lined with PE bag. Seaworthy packing.

40 paper bags/Pal. 1000kg (110*130*120cm)

Shelf life

12 months

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Usage:

Gelling solution formulation:

Ingredients	Content
JK-079S	4.2KG
SHMP Sodium Hexametaphosphate	0.5-1KG
WATER	X KG
TOTAL	100KGS

Printing paste formulation:

Ingredients	Content	Note
Gelling solution	40-75 KG	Various from scree or rolling printing
Urea	1-15 KG	12%
Reactive dyes	X KG	
Reserve salt S	0.7-1 KG	
Sodium Carbonate	1 KG	Only needs for deep color cloth
Baking soda	2.5 KG	
water	Y KG	
Total	100KG	

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