

Product Name: Jetmate RM-S
Product Idea:

Jetmate is a pretreating agent in the process of active digital printing, mainly used in cotton digital ink-jet printing. RM-S has a powerful absorption ability for dye ink, allowing the best integration of color yields and printing clarity. The most prominent feature of this product is its high stability, good color yields, and excellent printing clarity. This product is also user-friendly: after proper dilution, it can be applied in various kinds of starching machines. After drying and ageing, RM-S can still maintain good water-solubility and is easy to remove the brei.

Technical Parameters:

Product Type	Active digital printing pretreating agent/auxiliaries
Range of Use	Industry
non-volatilization component	10% \pm 1%
Brand	SCC
Product Standard	125/200kg/barrel
Enforcement Standard	Enterprise Standard
Volatility	Stable and non-volatile under room temperature
Solubility	Freely soluble in water
Iconicity	Anion
pH	7 \pm 1
Appearance	Light brown thick slurry
Specific Gravity	1.00

Scope of Application:

Jetmate RM-S can be used as digital printing pretreating agent for the following fabrics:

1. Pure cotton digital pretreating and bottoming.

2. Modal, natural silk, and viscose fabrics digital printing pretreating and bottoming.

Major Characteristics:

1. High printing clarity: It can effectively avoid ink-bleeding in the jet-printing process and provide sharp outline of the printing figure. Jetmate RM-S performs particularly good in superfine line printing.
2. High color yields and saturation: It can improve ink-efficiency.
3. Good stability: It can increase resist of the product against decomposition and pollution caused by bacteria, ensuring the stability of the printing outcome and reducing the color differences between lots.
4. Powerful absorption and dissolution ability of dye ink: It helps prevent discoloration, ink scattering, and powdering in the spray printing process. It will keep the fabric surface clean.
5. Easy to clean and good water-dissolubility after drying and ageing: Jetmate RM-S can be removed easily in the washing process and avoids affecting processing in the rest of the production.
6. Easy to use: Dissolve with water, urea, and sodium bicarbonate as user's production circumstances and stir well, then it can be applied to use.

Process Reference:

Users are advised to dissolve and use Jetmate RM-S under the reference as follows:

Jetmate RM-S Original Pulp	2%-4%
Urea	5%-6%
Sodium bicarbonate	3%-4%
Water	80%-90%
Total	100%

1. Starching for Rotary Screen Printer:

Circular Knife	Continuous starching
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Speed	15m/min
Drying Temperature	100-130 °C

2. Starching for Setting Machine (or Roller Starching Machine):

Padding Frequency	One pad one bake
Liquor Detention	60%-65%
Speed	10-15m/min
Drying Temperature	130 °C

Application Essentials:

If not for immediate use, fabrics after bottoming processing should be packed with plastics in order to avoid impaired printing quality caused by damp weather.

Product Package:

Plastic barrel with size of 125kg/barrel.

Storage:

Product must be stored at ventilated and cool place, and avoid frozen and direct sun exposure.

Quality Guarantee Period: 12 months.

Technical Support:

Please examine according to actual production situation before use in order to confirm the best processing procedure. If you have any doubts and suggestion, please dial our customer service hotline: 400-9955331 or go to our website www.thescc.net for further information. This product manual may be updated based on our technical development and we will notify you our latest update.

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