

RAPIDOPRINT SC 10

Characterization	Deaerating agent with penetration increasing properties
Chemical Structure	Combination of aliphatic hydroxylic compounds
Supplied Form	Slightly viscous, clear, colourless liquid
Solubility	RAPIDOPRINT SC 10 is miscible with water in any ratio and compatible with all printing pastes.
Stabilities	The product is sensitive to frost to a certain extent; changes occurring at low temperatures disappear after warming up and stirring well.
Storage	In a cool place in closed original containers, the product can be stored for 12 months.

Properties

Influence on Printing Paste

RAPIDOPRINT SC 10 prevents foaming and facilitates the deaeration of all printing pastes, increases the penetration, improves the screen printing of the pastes and engravings so that a higher running capacity can be achieved before a possible intermediate cleaning, prevents the splashing of the printing pastes when lifting the screens or printing at high speeds on rotary and roller printing machines. The evenness is positively influenced without impairing the contours.

Influence on Dye stuff

In case more than 3 g RAPIDOPRINT SC 10 should be added per kg printing paste, the compatibility with dyestuffs has to be tested in preliminary trials.

Application Technique

Apart from its use as deaerating agent, RAPIDOPRINT SC 10 is also successfully applied as penetration auxiliary in the entire textile printing. Furthermore, RAPDIOPRINT SC 11 improves the general printing behaviour of printing pastes and the evenness, thereby the output in production is increased.

Application Amount

Depending on the effect desired and the substrate to be printed, the usual application amounts of RAPIDOPRINT SC 10 are between 2 and 3 g per kg printing paste. When printing heavy knit fabrics, tightly woven fabrics, terry cloth and velour material, it may become necessary to increase the amount of RAPIDOPRINT SC 10 up to 10 g/kg (check dyestuff compatibility).

Special Instructions

As RAPIDOPRINT SC 10 has a swelling effect on PVC in case it is applied undiluted, you should bear this in mind when choosing the materials for the line systems and dosing pumps.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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