TEXTILE SOLUTIONS.

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SMART CHEMISTRY WITH CHARACTER.

TUBIJET® R

Product Portfolio, Process and Recipes for Digital Reactive Printing

TUBIJET® R – MORE DETAILS!

The PERFECT ADDITION for established vertical integrated textile mills. Use the new digital possibilities of the inkjet printing with the already existing machinery.

Enables printing of UNLIMITED DESIGN on cellulosic fibers. For optimum results, good quality yarns and thorough pre-treatment of the fabric are essential. Effective singeing, washing and bleaching process are the basis for outstanding digital reactive prints.

Our WATER-BASED TUBIJET® R primer forms a homogenous ink receptive layer that prevent penetration of the ink into the substrate. This leads to a significant improvement of the color depth and the brilliance of the prints.

Printing is followed by steaming. Now the INK MIGRATES into the fiber and is fixed by a chemical bonding. With the right amount of soda and bicarbonate this chemical reaction is significantly enhanced. Urea supports the steaming process by facilitating the migration and fixation of the dye due to its moisture regulating effect. In digital printing the color yield depends even more on high steam saturation as applied ink amount is low.

Through an optimized afterwash process you remove the unfixed dye without soiling.

TUBIJET® R - BENEFITS

- The bath is prepared in a short time
- Padder runs are more efficient due to the low viscosity of the bath
- Good adhesion on the printer belt
- Good behaviour in the steamer
- Products are washed out easily (1x washing is sufficient in 90 %)
- Very good fastness levels
- Very good handfeel
- Aligned product portfolio from pre-treatment to finishing

Products of the TUBIJET® R series are developed IN ACCORDANCE WITH OEKO-TEX®, GOTS, bluesign® and Zero Discharge of Hazardous Chemicals (ZDHC). They are free of alkylphenol ethoxylates (APEO), formaldehyde, adsorbable organic halides (AOX) or heavy metals like tin.

If you have questions, please CONTACT US!
We gladly support you with our technical know-how and our experience.

Standard	g/l
TUBIJET® DU 02	100 - 150

CV	g/l
TUBIJET® DU 02	50 - 150
TUBIJET® SHARP R 104	30 - 40

Reduced product amount	g/l
TUBIJET® DU 02	40
TUBIJET® SHARP R 101	15

Bio-based powder	g/l
TUBIJET® POWDER R 106	10 - 15

additional ingredients in every recipe	g/l
RAPIDOPRINT® SC 10	1 - 2
RAPIDOPRINT® XR GRANULAT*	10
Urea**	100
Sodium bicarbonate	40
Soda ash	5

For CV we recommend * 10 - 40 g/l ** 200 g/l

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