
TUBIJET® SHARP R 101

Character	Primer for digital reactive printing on textiles to improve sharpness.
Chemical Composition	Aqueous dispersion based on polyacrylic acid
Appearance	White dispersion
Ionic Character	Anionic
pH Value	3,0 – 5,0
Solubility	TUBIJET® SHARP R 101 is miscible with water.
Stabilities	Can be used together with non-ionic or anionic products. Cationic products may lead to precipitation.
Storage	<p>Stir before removal. Store in a cool and dry place in tightly closed, original containers. Opened containers must be closed again tightly. We recommend not exceeding a storage time of 18 months.</p> <p>The product is sensitive to frost; after the impact of temperatures below the freezing point irreversible changes occur. Storage temperatures below 5 °C and above 40 °C can highly reduce the shelf life of the product.</p>

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Properties

TUBIJET® SHARP R 101 is a universal product for preparing textiles for digital reactive printing. The product acts as an anti-migrant to the water based printing inks. It can be used on cotton, viscose and modal fibers, offering the following advantages:

- Anti-migrant
- Homogenous prints
- Dark and brilliant colors
- Easily washed out
- Solvent-free

® = registered trademark

Technical Guidelines

Application

Method: Padding

Diluting instructions: The product can be diluted with cold water to any ratio. Be sure to mix well. In order to prevent foaming, the sequence given in the table should be followed when preparing the liquor.

Cleaning instructions: Before use, we recommend rinsing all vessels and especially the pumps with water in order to prevent any contamination with cationic substances which could cause precipitations.

Process

- Primer application before printing by foulard

Product	Recipe 1
RAPIDOPRINT® SC 10	1 - 2 g/l
RAPIDOPRINT® XR GRANULAT	10 g/l
TUBIJET® DU 02	40 g/l
TUBIJET® SHARP R 101	15 g/l
Urea*	100 g/l
Bicarbonate	40 g/l
Soda	5 g/l

*For viscose we recommend 200 g/l urea

Pick-Up: 70 – 100 %
Drying: 100 – 110 °C 2 min

- Digital printing
- Steaming 102 °C saturated steam 8 – 12 min (CO), 10 – 15 min (CV)
- Washing

For the introduction into the continuous washing machine we recommend 2 - 3 g/l COTOBLANC STM (30 °C). In the other baths (60, 98 °C), which are run in countercurrent, we recommend 2 - 4 g/l COTOBLANC STM. Subsequently, rinse with soft water (40 °C) and acidify (30 °C).

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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CHT Germany GmbH

Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: +49 7071 154-0, Fax: +49 7071 154-290, Email: info@cht.com, Homepage: www.cht.com