RT-K13

Water-based Reactive ink
for direct printing

Reactive Textile

TECHNICAL DATA SHEET

isonik

RT-K13

Water-based Reactive ink
for direct printing

KYOCERA

HIGH SPEED EQUIPMENT

SPECIFIC FOR FASHION

HOME DECOR

DIRECT PRINTING

PRETREATED FABRIC

BRIGHT AND VIBRANT COLOURS

STORAGE CONDITIONS: AT 10-30°C TEMPERATURE DRY AND WELL-VENTILATED ENVIRONMENT

PRINTING CONDITIONS: 20-25°C TEMPERATURE 40-60%RH HUMIDITY RANGE

SEA FREIGHT SHIPMENT CONDITIONS 10-30° TEMPERATURE REFRIGERATED CONTAINER FOR LONG DISTANCE

AVAILABLE PACKAGING 10 KG AND 20 KG TANKS

FIXATION CONDITIONS: 102°C FOR 8'-15' SATURATED STEAM

HEAT-SENSITIVE PRODUCT DO NOT EXCEED 30°C AVOID DIRECT SUNLIGHT

C, CSX, M, MBP, MSX, MHD, Y, K, KN, KLS, K* HD, B, BBP, BNB, O, R, GBP, GBG, LC*, LM*

Product description

ISONIK® RT-K 13 is a digital reactive ink for direct textile printing, suitable for most printers equipped with Kyocera KJ4B print heads.
ISONIK RT-K 13 is intended for direct fabric printing on cellulosic fibers (cotton, linen, viscose etc.), wool and silk.
ISONIK RT-K 13 products may be employed in the production of apparel, fashion, home decor.

Instructions

- ISONIK RT-K 13 is ready to use.
- Keep ISONIK RT-K 13 at printing room temperature at least 24 h before use.
- Shake gently before use.
- Pretreatment: to achieve the best process performance, we recommend pretreating the fabric with our ISONIK AM-P product line as this ensures maximum results of fixation, color yield, sharpness, and no leaching out on white backgrounds.
- Fixation: after the printing process we recommend drying at 110-120° C and fixation by steaming at 102°C for 8'-15' with saturated steam.
- Washing: first washing in cold water -> hot water at 40°C -> hot water at 70°C -> soaping with ISONIK S-RE product line soaping agents at 90°C -> rinsing with cold water is recommended.
- Addition of ISONIK F-RE fixing agents product line selected according to fabric type and required fastness.
- Follow the instructions on label and MSDS.
- Care about correct and regular printer maintenance.
- Preliminary tests are recommended to set the best operating parameters to achieve the desired result. The product performance might vary according to the hardware, software and the applied printing method.

Notes

- Information regarding fastness and additional technical features is available upon request
- Customized colours are available upon request
- * GOTS Certifications pending

DISCLAIMER

The information included in this document is based on experience and the current state of our knowledge and is not intended to be completely exhaustive. The product is for professional use only. Due to multiple factors that could influence the application aspects of ISONIK RT-K 13 and thus the final result obtained, Isocarbo suggests to always carry out preliminary tests in order to evaluate possible abnormal behaviour of the products under particular operating conditions different from those stated in this document. Therefore, Isocarbo assumes no responsibility for any differences in the performance of ISONIK RT-K 13 and for any loss or damage suffered by persons or property as a result of the information contained in this document. Furthermore, Isocarbo accepts no responsibility for any damage caused to third parties as a result of improper use of ISONIK RT-K 13 by any person or company. Isocarbo assures its commitment to the continuous development and improvement of the product and assumes the right to change and update the contents of this technical document at any time.

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