

RT-K13

Water-based Reactive ink
for direct printing



Reactive Textile



TECHNICAL DATA SHEET



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



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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