

# DT-K15

Water-based Disperse ink  
for direct printing



Disperse Textile



TECHNICAL DATA SHEET

**isonik**

# DT-K15

Water-based Disperse ink  
for direct printing



KYOCERA



HIGH SPEED  
EQUIPMENT



SPECIFIC  
FOR FASHION



HOME DECOR  
IN AND OUTDOOR



FLAGS AND  
BANNERS



DIRECT  
PRINTING



BRIGHT AND  
VIBRANT COLOURS



PRETREATED  
FABRIC



STORAGE  
CONDITIONS:  
AT 5-30°C  
TEMPERATURE  
DRY AND  
WELL-VENTILATED  
ENVIRONMENT



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



SEA FREIGHT  
SHIPMENT  
CONDITIONS  
5-30°  
TEMPERATURE  
REFRIGERATED  
CONTAINER FOR  
LONG DISTANCE



AVAILABLE  
PACKAGING  
10 KG AND  
20 KG TANKS



FIXATION  
CONDITIONS:  
STEAMING  
AT 170°C  
TEMPERATURE  
FOR 10' 85% RH



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



## Product description

ISONIK® DT-K 15 is a digital water-based disperse ink for direct printing on textile fibers, suitable for most printers equipped with Kyocera KJ4B print heads.

ISONIK DT-K 15 is a product intended for direct fabric printing on Polyester fibers and its blends.

ISONIK DT-K 15 products may be employed in the production of apparel, fashion, home decor.

## Instructions

- ISONIK DT-K 15 is ready to use.
- Keep ISONIK DT-K 15 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 in terms of brightness and colour yield.
- Direct printing on fabric.
- Fixation: after the printing process, we recommend fixation by steaming at 170°C for 10' with 85% RH.
- Washing: washing in cold tap water is recommended. Optional extra washing at 60°C. Washing with alkaline-reducing bath.
- For applications such as visual communication and flags, where high fastness, strength and durability are not strictly required, it is possible to fix by an in-line calender.
- Follow 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. Product performance might vary according to the employed hardware, software and the applied printing method.

## Notes

- Information regarding fastness and additional technical features available upon specific request
- Customized colours available upon request



## 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 DT-K 15 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 DT-K 15 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 DT-K 15 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.