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UltraCURA Process

Process ink series optimised for the usage on paper and board

UV process ink series for sheetfed offset printing

Product Features

- UltraCURA Process is a highly reactive UV ink series with a high rub resistance.
  The series is supplemented by the UltraCURA Dense Black for deeper optical impression.
- Great benefits are the reduced misting properties and the high colour strength
- Combining highest stability and printing performance. It is suitable for commercial and non-food packaging application.
- The UltraCURA Process is suited for direct finishing on a wide variety of substrates.
- ITX and Benzophenone are not used as intentional formulation component of this series.

Advantages of UltraCURA Process

- Reduced misting properties.
- Good rub resistance
- High colour strength.
- Very good ink-water stability.
- Fast curing speed.
- Optimised for reduced picking on a wide range of substrates.
- Ideally suited for uncoated, coated papers and board.

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UltraCURA Process

	Fastness properties			
	Light fastness	Alcohol	Solvent mixture	Alkali
UltraCURA Process				
UltraCURA Process Yellow	5	+	+	+
UltraCURA Process Magenta	5	+	+	-
UltraCURA Process Cyan	8	+	+	+
UltraCURA Process Black	8	-	-	+
UltraCURA Process Dense Black	8	-	-	+

Light fastness properties according to ISO 12040:
from 1 (low) to 8 (high)
Fastness properties according to ISO 2836:
+ = Resistance provided
- = Resistance not provided

Packaging sizes
UltraCURA Process is available in 2,5kg plastic pails.

Substrates
Ideally suited for uncoated, matt-, and glossy-coated paper and board.

Remarks
UltraCURA Process inks are suitable for printing with or without alcohol.

Suitable for printing work corresponding to ISO 12647-2.

UltraCURA Process inks have been formulated to exclude materials known to cause swelling or degradation of EPDM and NBR type rollers and blankets. In general, UV curable inks and the special cleaning fluids can, to a certain extent, cause swelling or shrinking of rubbers. Rubber types like EPDM, butyl nitrile or vinyl nitrile are recommended.

Shelf life and storage
Recommended storage temperature is 5 - 35° C.

Direct sunlight as well as long-term exposure to fluorescent lamps should be avoided to prevent polymerisation. Meeting the recommended storage conditions, UltraCURA Process will remain stable for a minimum of 12 months from the date of manufacture.

Exceptions
Not for use for food packages without functional barrier.

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You are welcome to contact us for further information.

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