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UltraCURA Sens Plas BA1014



Next generation UV Low Migration series for food packaging printing

EC Low Migration process ink for sheetfed offset

Product Features

- UltraCURA Sens Plas BA1014 is the next generation low-odour, low-migration process ink series for sheetfed packaging printing.
- Developed especially for food packaging applications without a direct contact between the printed image and the contents of the package.
- Ideally suited for plastic substrates like polyethylene, polypropylene and PVC.
- UltraCURA Sens Plas BA1014 is particularly suited for the production of packaging that complies with the requirements of the EU-regulation 1935/2004 and 2023/2006 as well as with the Swiss Ordinance 817.023.21. Additionally the series meets the requirements of the EuPIA Guideline „Printing Inks applied to the non-food contact surface of food packaging materials and articles“.

Features of UltraCURA Sens Plas BA1014

- Low-odour and low-migration.
- Excellent press stability and ink water balance.
- High colour strength and transfer properties.
- Fast curing properties at high production speeds.
- Low dot gain.
- Good duct flow properties.
- High rub resistance.
- Also suitable for web offset.

FlintGroup

UltraCURA Sens Plas BA1014

		Fastness properties			
		Light fastness	Alcohol	Solvent mixture	Alkali
Article code					
UltraCURA Sens Plas BA1014					
UltraCURA Sens Plas Process BA1014 Yellow	VW13-112*	5	+	+	+
UltraCURA Sens Plas Process BA1014 Magenta	VW13-312*	5	+	+	-
UltraCURA Sens Plas Process BA1014 Cyan	VW13-512*	8	+	+	+
UltraCURA Sens Plas Process BA1014 Black	VW33-912*	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
* Depending on the producing site

Packaging sizes

UltraCURA Sens Plas BA1014 is available in 2,5kg plastic pails.

Substrates

Ideally suited for non-absorbent substrates per substrates like polyethylene, polypropylene and PVC.

In view of the wide substrates offered by various manufacturers and in order to check the suitability for the printing of food packaging we recommend carrying out your own tests before starting a print run.

Remarks

UltraCURA Sens Plas BA1014 is not permitted for direct food contact.

Varnish

To preserve low-odour and low-migration properties, please consult Flint Group specific application and technical recommendation advice.

Fountain solutions

Consult your Flint Group representative for specific recommendations.

Shelf life and storage

Recommended storage temperature is 5 - 35° C.

Direct sunlight should be avoided to prevent polymerisation. Meeting the recommended storage conditions, UltraCURA Sens Plas BA1014 remain stable for a minimum of 12 months from the date of manufacture.

Special notes

In case the printing press was previously running with conventional inks, it should be thoroughly cleaned and all ink residues have to be removed before printing with low-migration ink.

We recommend an accurate control of the polymerization process under the UV lamps.

You are welcome to contact us for further information.

The aim of our technical documents is to inform and advise our customers. The information provided herein is correct to the best of Flint Group's knowledge. No liability for any errors, facts or opinions is accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted.