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UltraCURA Base

Base colour ink series optimised for the usage on paper and board

UV base colour ink series for sheetfed offset

Product Features

- UltraCURA Base is a highly reactive UV base colour ink series for sheetfed presses.
- It is suitable for commercial application on paper and board.
- The series consists of 13 base colour inks as well as black, transparent and opaque white. Base colours have high colour strength, optimised to blend spot colours.
- ITX and Benzophenone are not used as intentional formulation component of this series.

Advantages of UltraCURA Base

- Fast work turnaround.
- Good rub resistance.
- High colour strength.
- Very good ink-water stability.
- Fast curing speed.
- Reduced energy consumption.
- Ideally suited for paper and board.

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UltraCURA Base

| | | Fastness properties | | | |
|---|--------------|---------------------|---------|-----------------|--------|
| | | Light fastness | Alcohol | Solvent mixture | Alkali |
| | Article code | | | | |
| UltraCURA | | | | | |
| Yellow | VW26-100* | 5 | + | + | + |
| G/S Yellow | VW26-111* | 6 | + | - | + |
| Orange | VW26-200* | 5 | + | + | + |
| Warm Red | VW26-300* | 3 | + | + | - |
| Red 032 | VW26-302* | 5 | + | - | + |
| Rubine Red | VW26-301* | 5 | + | + | - |
| Rhodamine Red | VW26-303* | 4 | - | - | - |
| Purple | VW26-400* | 3 | - | - | - |
| Violet | VW26-401* | 3 | - | - | - |
| Process Blue | VW26-500* | 8 | + | + | + |
| Blue 072 | VW26-572* | 4 | - | - | - |
| Reflex Blue | VW26-501* | 3 | - | - | + |
| Green | VW26-600* | 8 | + | + | + |
| Transparent White | VW26-000* | Not applicable | | | |
| Opaque White | VW26-001* | Not applicable | | | |
| Black | VW26-960* | 8 | + | + | + |
| UltraCURA Fast | | | | | |
| Resistant G/S Yellow | VW18-190* | 7 | + | + | + |
| Resistant R/S Yellow | VW18-189* | 7 | + | + | + |
| Resistant Orange | VW18-211* | 7 | + | + | + |
| Y/S Red | VW18-355* | 7 | + | + | + |
| Resistant Rubine Red | VW18-366* | 7 | + | + | + |
| Resistant Rhodamine Red | VW18-369* | 7 | + | + | + |
| Resistant Violet | VW18-450* | 7 | + | + | + |
| Resistant Reflex Blue | VW18-508* | 7 | + | + | + |
| <p>Light fastness properties according to ISO 12040: from 1 (low) to 8 (high)</p> <p>Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided * Depending on the producing site</p> | | | | | |

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Flint CPS Inks Germany GmbH
Commercial, Publication & Sheetfed Inks
Sieglestrasse 25
70469 Stuttgart, Germany

T +49 711 98 16-0
F +49 711 98 16-700
sheetfed@flintgrp.com
www.flintgrp.com

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UltraCURA Base

| | |
|---|---|
| Substrates | Ideally suited for coated and uncoated paper and board. |
| Hints for the mixing of spot colours | Thanks to their high colour strength and mono-pigmentation, UltraCURA Base colour inks feature very easy formulation and mixing of spot colours; also true when specific resistance requirements are specified. Furthermore it is possible to achieve all colour shades of the PANTONE® range with the typical film weight usually applied in wet offset printing. Therefore formulations for coated paper must be chosen. |
| Remarks | UltraCURA Base inks are suitable for printing with or without alcohol. UltraCURA Base 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 | The 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 Base will remain stable for a minimum of 18 months from the date of manufacture. |
| Exceptions | Not for use for food packages without functional barrier. |

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