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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>					

You are welcome to contact us for further information.

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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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