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Novaspot® GLOBAL PLUS "C" BIO

Novaspot® GLOBAL PLUS "U" BIO

The duct-fresh spot colour ink series corresponding to the PANTONE® PLUS SERIES formula guide

Spot colour ink series for sheetfed offset

Product features

- Novaspot® GLOBAL PLUS BIO is a ready-to-print, duct-fresh spot colour ink series, based on renewable raw materials. It is matched on the basis of the PANTONE® PLUS SERIES formula guide and includes all 1310 PANTONE® colour shades. The series is available as Novaspot® GLOBAL PLUS "C" BIO for coated papers and as Novaspot® GLOBAL PLUS "U" BIO for uncoated papers.
- The series is excellently suited both for printing presses of the latest generation and printing machines of older designs and construction.
- The benefits of Novaspot® GLOBAL PLUS BIO are high brilliance, very good ink/water balance, good ink setting properties and as a result, rapid further processing with a good behaviour in the pile and very high rub resistance.

Advantages of Novaspot® GLOBAL PLUS BIO

- Ready-to-print spot colour inks.
- Colour shades correspond to the PANTONE® PLUS SERIES formula guide.
- Available for coated and uncoated papers.
- Optimal wetting of the pigment through BIO-binders.
- Very high rub resistance.
- Very good ink/water balance.



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Novaspot® GLOBAL PLUS BIO



		Fastness properties				Printing properties							
		Opacity	Alcohol	Solvent mixture	Alkali	Gloss	Setting	Oxidative drying	Rub resistance	Rapid further processing	Suitability for gloss coated papers/board	Suitability for uncoated papers/board	Suitability for matt coated papers/board
Novaspot® GLOBAL PLUS BIO	Product code					6	5	5	6	5	7	5	5
Yellow PANTONE® 100	VI71-101*	t	+	+	+	1 = Characteristic weakly expressed 7 = Characteristic strongly expressed							
.....													
Orange PANTONE® 1505	VI71-270*	t	+	-	+								
.....													
Brown PANTONE® 7771	VI71-8H5*	so	+	+	+								

* Flint Group country code

Light fastness properties according to ISO 12040: from 1 (low) to 8 (high)

Fastness properties according to ISO 2836: + = Resistance provided
+/- = Resistance partly provided
- = Resistance not provided

Opacity:
o = opaque so = slightly opaque
t = transparent

Drying properties

Duct-fresh.

Substrates

Optimally suited for gloss coated and uncoated paper and board and well suited for matt coated paper. For the matching of the series Novaspot® GLOBAL FAST "C" BIO the gloss coated paper Maxigloss 135 g/m² was used, the matching of Novaspot® GLOBAL FAST "U" BIO series is based on the uncoated paper Maxioffset 100g/m². The same ink formulations are used for coated and uncoated papers in the PANTONE® formula guide. The uncoated printing paper used in the PANTONE PLUS book shows considerable deviations from European papers. For the shades in the PANTONE PLUS uncoated book, particularly in light colours, different formulations for matchings on coated and uncoated paper arise. Nevertheless, the great diversity in uncoated materials on the market can cause wide colour variation. We therefore recommend, if the best possible match to the PANTONE® colour guide is required on widely diverse substrates, individual shades should be matched on the customers' own paper.

Remarks

The basis for the matching of this series is the PANTONE® PLUS SERIES formula guide.

Fastness properties

If specific fastness requirements on the printing ink are given, for example due to the planned print finishing, the fast spot colour inks of the series Novaspot® GLOBAL FAST BIO can be used.

Exceptions

Not for use on food packaging without functional barrier.

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