



WAB Polygraphic Materials

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TECHNICAL DATA SHEET

PC STAR BIO 2800 Sheet process ink

Characteristics

Setting mechanism

PC STAR BIO 2800 is a process ink of high colour intensity, fast setting on printed substrate. The ink based on vegetable oils. Ideal for multi-coloured, modern printing machines. PC STAR BIO 2800 ensures: excellent print sharpness, high rub resistance, fast continuation of bookbinding processes and the highest process stability also for printing with converting. PC STAR BIO 2800 has a very good ink and water balance.

Setting mechanism

Penetration of the printed substrate plus drying by oxidation.

Application

Ideally suited for gloss and matt coated papers and board. Well suited for uncoated papers and boards.

Printing properties

Dot gain	7
Gloss	6
Substrate penetration	6
Setting by oxidation	5
Rub resistance	6
Rapid further processing	6
Printing on gloss coated papers and board	7
Printing on uncoated papers and board	5
Printing on matt coated papers and board	6

1 – acceptable level 7 – top level

Additional information

PC STAR BIO 2800 has a high process stability which ensures a stable and high quality print with maximum economy effectiveness. The ink has a very good suitability for reduced alcohol printing. For offset sheet printing according to ISO 12647-2.

Resistance features	Light fastness	Alcohol	Organic solvents	Alkali	Lamination
PC STAR BIO 2800 Yellow	5	+	+	+	+
PC STAR BIO 2800 Magenta	5	+	+	-	+
PC STAR BIO 2800 Cyan	8	+	+	+	+
PC STAR BIO 2800 Black	8	+	+	+	+

+ resistance
- no resistance

Light fastness according to DIN 16525, from 1 (low) to 8 (high)

Remarks

Not for use on food packaging without functional barrier