

Dielle 8300

The vegetable series

For high performance results

IPINKS s.r.l. has developed this mineral oil free series with an high pigment concentration and based on raw renewable materials to pay attention both to environmental safety problems and printer request of an high performance ink series. Dielle 8300 has an excellent water-ink balance and an excellent dot gain. This series is recommended to be used on matt and glossy paper.

This series is in line with GMP 2023/2006 standard, raw materials used in it are selected and renewable, and mineral oil is less than 1%; there is quite absence of dryers.

Properties

1. Matt and glossy paper
2. Drying by oxidation.
3. Excellent dot gain

Colours available

Dielle 8300*		Light fastness	Alcohol	Nitro	Alkali
Yellow	1GI-8300-0001	5	+	+	+
Magenta	1RS-8300-0001	5	+	+	-
Cyan	1BL-8300-0001	8	+	+	+
Black	1NE-8300-0001	8	+	+	+
		Light fastness based on standard ISO 12040: 1 (low) 8 (high)	Defined on standard ISO 2836: +: Resistance granted -: Resistance not granted		

*The assessment of the colour properties was made under standardised printing conditions. In individual cases, under special conditions, as in printing with very high ink densities, the classification of certain properties may be different.

Technical Applications

Dielle 8300 is an high quality series with no particular printing problems. Since the presence of many adhesives, varnishes, etc... we recommend a trial printing. Very useful to print on matt and glossy paper.

Printing instruction

Product	Offset printing ink	
Characteristic	Extreme good press stability, high gloss, excellent rub resistance, minimum dot gain. Very high press density. Drying doesn't cause lowering level of press density. Waiting time before printing is in general the same that other standard ink, depending on the quality of support and specific conditions could be tested. Please contact us for further technical collaboration in printing.	
Application	Dielle 8300 series is semifresh: good properties at normal pressroom temperature for 16-24 hours.	
Diluent	Max 3% OL 2000	
Cleaning	TOP wash 60, keep drying to avoid contamination.	
Storage	Take away from heating source	
Fount Solution	Fount solution should be added slowly in particular when ink has low covering effects. Concentration of isopropanole should be less than 10% with the pH about 5-5.5.	
Typical physical constant	Aspect	: viscous liquid
	Viscosity	: 250±10 Poise
	Specific Pound	: 1.1±0.1 g/cm ³

Special notes:

Heating of printed packaging in the oven has to be carefully considered due to the potential appearance of temperature peaks. In contrast, microwave heating of packaging without acceptor laminate is not-critical. Generally the heating of packaging to temperature exceeding 200°C must be avoided.

For further informations please contact Technical Service:
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