Technical Data Sheet **Dokumental® CC 33xx** Magic Inks



Magic Inks With a Double Colour Change

General Information

The fibre pen inks of Dokumental® CC 33xx series are magic inks with double colour change. The colour can be changed by using the erasing liquids Dokumental® LF 4205.1 and LF 4204.

Suitable Surfaces

For all kind of papers

Certificates / Approvals / Regulations

ASTM D-4236: All inks are ASTM D-4236 approved. The finished markers need separate ASTM D-4236 approval

EN 71/3 (Safety of Toys, Migration of certain elements) and the

US-Standard ASTM F963-91.

ISO 9001

Physical Data

Туре	Colour	Changed Colour LF 4205.1	Changed Colour LF 4204	Viscosity at 20°C mPas ± 0.5	Surface tension mN/m ± 2.0	pH-Value ± 1.0	Density at 20°C g/cm³ ± 0.01
Dokumental® CC 3300	blue	pink	turquoise	2.5	32.5	5.4	1.05
Dokumental® CC 3310	black	red	green	3.0	32.5	5.2	1.05
Dokumental® CC 3320	red	dark red	yellow	2.6	32.5	7.0	1.05
Dokumental® CC 3330	green	yellow	dark green	2.5	30.8	5.8	1.05
Dokumental® CC 3340	violet	pink	blue	2.5	32.5	5.9	1.05
Dokumental® CC 3350	brown	orange	light green	2.5	32.5	5.5	1.05
Dokumental® CC 3361	orange	red	yellow	2.7	32.0	7.0	1.05
Dokumental® CC 3311	grey	pink	light green	2.5	32.0	6.0	1.05

Suitable Components

Nibs: acrylic material, sintered polyethylene, po-

lyester

Depending on the chemical characteristics of the nibs a slight colour change of the ink during storage at elevated temperatures might be possible.

Nibs made of polyamide are not recommended due to possible colour changes. Therefore a careful test with nibs is essential

Reservoirs: polyester (the compatibility with acetate

reservoirs must be tested in advance)

Barrels, Caps, Plugs: polypropylene, ABS, polystyrene, butadien-

styrene, polyethylene

Storage, Handling & Transportation

Store frost protected. Optimal storage temperature is between 0 and 30°C. Storage temperatures above 30°C can result in reduced shelf life of the bulk inks.

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Packaging

standard packaging: 20kg plastic canister (further packaging units on request).

Produced by

DOKUMENTAL GmbH & Co KG Schreibfarben

Wöllnerstraße 26

D-67065 Ludwigshafen

Phone: +49(0)621/5402-321 Fax: +49(0)621/5402-391 Mail: info@dokumental.de

www.dokumental.de