

Technical Data Sheet

Dokumental® RB 13xx Rollerball Inks

Water-Based Rollerball Inks for Free-Ink-Systems

General Information

The inks of Dokumental® RB 13xx series are especially developed to be compatible with components of Free-Ink-/Tank- Systems for rollerball pens.

They show the following features:

- Brilliant colours
- Good lubrication and flowing properties
- Excellent performance in combination with free-ink components

Suitable Surfaces

All kind of papers

Applicable Standards & Regulations on Request

Physical Data

Type	Colour	ISO 14145 conformance		Viscosity at 20°C mPa s ± 0.5	Surface tension mN/m ± 2.0	Density at 20°C g/cm ³ ± 0.02	pH-Value ±1.0
		Part 1	Part 2				
Dokumental® RB 1301 G	blue	yes	no	4.0	39.5	1.05	8.6
Dokumental® RB 1302 G	blue	yes	no	6.0	39.5	1.05	8.7
Dokumental® RB 1303 G	blue	yes	no	7.2	39.5	1.07	8.5
Dokumental® RB 1311 G	black	yes	yes	6.0	39.5	1.07	7.9
Dokumental® RB 1313 G	black	yes	yes	6.8	39.5	1.09	7.6
Dokumental® RB 1320	red	yes	no	2.4	46.0	1.07	9.5
Dokumental® RB 1321 G	red	yes	no	3.2	39.5	n.d.	9.1
Dokumental® RB 1323 G	red	yes	no	6.0	39.5	1.07	8.8
Dokumental® RB 1324 G	red	yes	no	6.5	39.5	1.09	8.5
Dokumental® RB 1330	green	yes	no	2.3	43.8	n.d.	8.9
Dokumental® RB 1331	green	yes	no	6.0	43.8	n.d.	8.9
Dokumental® RB 1334 G	green	yes	no	6.5	39.5	1.07	8.5

ISO 14145: Roller ball pens and refills -- Part 1: General use, Part 2: Documentary use; n.d. not determined

Technical Advice

Suitable Components

Rollerball Tips: stainless steel (SS) housing with TC ball
 Barrels, Caps: polypropylene, butadien-styrene, polyethylene

It is mandatory to approve the compatibility of the ink and the components as well as the performance of the writing system.

Storage, Handling & Transportation

The filling station has to be maintained and cleaned carefully. The inks are sensitive to any kind of contamination. Contamination of the inks may cause colour mismatch or will even lead to a defective refill.

Store our product frost protected and avoid direct sunlight. The recommended storage temperature is between 10°C and 30°C. Storage temperatures of above 30°C for several days bear the risk of a reduced shelf life of the ink.

Packaging

20kg plastic canister
 200kg plastic drum
 1,000kg IBC

Produced by

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