Technical Data Sheet

Dokumental® RB 13x5 Rollerball Inks

dokumental
power your pen

Water-Based Rollerball Ink Concentrates for Free-Ink Systems with excellent Cap-Off Time

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General Information

The concentrated inks of RB 13x5 Series are especially designed for the application in free-ink Rollerball Pens. They are water based and dye based and can be diluted with demineralised water. All inks have a long cap-off time, approved stability and no static leaking.

Suitable Surfaces

All kind of papers

Applicable Standards & Regulations on Request

Physical Data of diluted ink (50% water - 50% ink)

Type	Colour	ISO 14145 conformance		Viscosity at 20°C mPa s ± 0.5	Surface tension mN/m ± 2.0	pH-Value ±1.0
		Part 1	Part 2			
Dokumental® RB 1305 K1	blue	yes	no	3.4	38.4	8.6
Dokumental® RB 1315 K1	black	yes	yes	3.6	39.7	8.0
Dokumental® RB 1325 K1	red	yes	no	3.9	39.5	9.1
Dokumental® RB 1335 K1	green	yes	no	4.1	38.0	9.0

ISO 14145: Roller ball pens and refills -- Part 1: General use, Part 2: Documentary use;

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

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

Produced by

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