

Technical Data Sheet

Dokumental® FP 18xx Fountain Pen Inks

Water Based, Dye-based Fountain Pen Inks

General Information

The inks cover all the main colors of interest in the field of fountain pens. They are washable from many fabrics. Erasable colours, as well as permanent colours are available.

All inks are also available as K6-concentrates. These K6-concentrates yield the inks by dilution of 1 part of the K6-concentrate with 6 parts of demineralized water.

Suitable Surfaces

All kind of papers

Applicable Standards & Regulations on Request

Physical Data

Type	Colour	Viscosity at 20°C mPa s ± 0.5	Surface tension mN/m	Density at 20°C g/cm ³ ± 0.01	pH-Value
Dokumental® FP 1800	royal blue (erasable)	1.2	57.0 ± 3.0	1.01	2.7 ± 0.5
Dokumental® FP 1803	blue black	1.2	59.0 ± 4.0	1.01	6.0 ± 1.0
Dokumental® FP 1810	black	1.3	60.6 ± 4.0	1.01	7.5 ± 1.0
Dokumental® FP 1820	red	1.2	63.0 ± 5.0	1.01	7.0 ± 1.0
Dokumental® FP 1830	green	1.2	60.0 ± 3.0	1.01	5.5 ± 1.0

all values refer to the diluted inks, ¹ASTM D-4236 approved. ² Erasable with erasing liquids Dokumental® LF 4201 and LF 4205 CE

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.

Dilution of concentrates can be carried out at room temperature. No heating is necessary. Recommended mixing tank material is stainless steel or plastic.

Packaging

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

Produced by

DOKUMENTAL GmbH & Co KG
 Wöllnerstraße 26
 D-67065 Ludwigshafen
 Phone: +49(0)621/37702-321
 Fax: +49(0)621/37702-391
 Mail: info@dokumental.de
 www.dokumental.de