

Technical Data Sheet

Dokumental® Ball Pen Inks

Ball Pen Inks With Well-Balanced Qualities

General Information

The Dokumental® ball pen ink series consists of some of the world's best known ball pen inks, that have been sold for many decades and are still used in billions of pens today.

The success is based on well-balanced characteristics and reliability, which have become the standard for all other Dokumental® products.

Suitable Surfaces

All kind of papers

Certificates / Approvals / Regulations

ISO 12757-1: Ball point pens and refills - Part 1:
General use

ISO 12757-2: Ball point pens and refills - Part 2:
Documentary use (DOC)

ASTM D-4236: ¹ the marked inks are ASTM D-4236 approved. The finished pens need separate ASTM D-4236 approval

ISO 9001

Physical Data

Type	Colour	ISO 12757			Viscosity at 20°C mPa s ± 1,000	Surface tension mN/m	pH-Value ±1.0
		Part 1	Part 2	TF			
Dokumental® 1527 PG3 ¹	blue	yes	yes	no	16,000	>36	6.5
Dokumental® TF 1104 G ¹	blue	yes	yes	yes	18,500	>35	5.3
Dokumental® TF 2162G3N ¹	blue	yes	yes	yes	16,000	>36	5.8
Dokumental® 303/400 B ¹	blue	yes	yes	no	18,500	>35	5.3
Dokumental® 2190 PG3	blue	yes	yes	no	16,000	>36	6.5
Dokumental® TF 2204 G3 ¹	violet blue	yes	no	yes	18,500	>36	6.5
Dokumental® 600 B / 600 B-S ¹	violet blue	yes	no	yes	18,500	>35	5.0
Dokumental® 606 B-N	black	yes	yes	yes	18,500	>34	5.3
Dokumental® TF 0238 G3 ¹	black	yes	yes	yes	16,000	>36	6.5
Dokumental® 303/404 NB ¹	black	yes	yes	yes	18,500	>35	5.7
Dokumental® TF 0201 G3 ¹	black	yes	yes	yes	16,000	>36	5.5
Dokumental® 0232 PG3 ¹	black	yes	yes	no	16,000	>36	6.5
Dokumental® 0224 PG3 ¹	black	yes	yes	no	16,000	>35	5.3
Dokumental® 603 B ¹	red	yes	no	no	18,500	>34	9.8
DOCU ¹	red	yes	no	yes	21,000	>36	8.0
Dokumental® 303/406 B ¹	red	yes	no	no	18,500	>34	9.5
Dokumental® TF 093 G3N	red	yes	no	yes	21,000	>36	8.0
Dokumental® 604 NB ¹	green	yes	yes	no	18,500	>34	5.3
Dokumental® TF 802 G3	green	yes	yes	yes	16,000	>36	5.8
Dokumental® 303/408 NB	green	yes	yes	no	18,500	>33	5.3

TF: Transparent Flux (clear drain in suitable refills), ¹ASTM D-4236 approved.