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## TECHNICAL DATA SHEET

### BALL PEN INKS LOW-HAZARD

#### TECHNICAL CHARACTERISTICS

BPI specially developed to be low-hazard inks.  
They are characterized by good writing performances but are yet low-hazardous.  
Suitable for all kind of papers.

Colour ref. No:	BLACK 2804	BLUE 1309	GREEN GX/170	RED 303 M
Viscosity, cps (25 °C) HAAKE- RV20 with PK100 and cone/plate PK5-1.0	8.000 ± 1.000	8.000 ± 1.000	8.000 ± 1.000	8.000 ± 500
Lightfastness	Fair (scale 2)	Fair (scale 2)	Very Good (scale 4)	Fair (scale 2)
pH	5,5 ± 1	5,5 ± 1	6,5 ± 0,5	5 ± 1
Clear Drain	Depending on inner surface of tube	Depending on inner surface of tube	Depending on inner surface of tube	Depending on inner surface of tube
Colour ref. No:	ORANGE 3222	BROWN 375/SG	PINK 268	SKY BLUE 268
Viscosity, cps (25 °C) HAAKE- RV20 with PK100 and cone/plate PK5-1.0	8.000 ± 1.000	8.000 ± 1.000	8.000 ± 1.000	8.000 ± 1.000
Lightfastness	Fair (scale 2)	Fair (scale 2)	Fair (scale 2)	Very good (scale 4)
pH	6,5 ± 0,5	6,5 ± 0,5	7 ± 1	7 ± 1
Clear Drain	Depending on inner surface of tube	Depending on inner surface of tube	Depending on inner surface of tube	Depending on inner surface of tube
Colour ref. No:	GREEN 389	LILAC 801		
Viscosity, cps (25 °C) HAAKE- RV20 with PK100 and cone/plate PK5-1.0	8.000 ± 1.000	8.000 ± 1.000		
Lightfastness	Very Good (scale 4)	Fair (scale 2)		
pH	7 ± 1	7 ± 1		
Clear Drain	Depending on inner surface of tube	Depending on inner surface of tube		

#### SUITABLE COMPONENTS

Refills should ideally be stored horizontally.  
Tips: brass, BNP, NS, SS, TC from 0,5 to 1,0 mm, smaller and bigger diameters also possible after checking.  
It is recommended to thoroughly test the components selected.

#### HANDLING INSTRUCTIONS

Store between 10°C and 35°C. Do not expose loose ink to temperatures higher than 35°C.  
Protect from frost and avoid direct sunlight.

Storage temperatures above 35°C can result in reduced shelf life of the inks.

Drums should be closed tightly during storage.

#### PACKING

20 KG net Plastic Jerricans  
200 KG net Metal Drums

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