

Batch Certificate

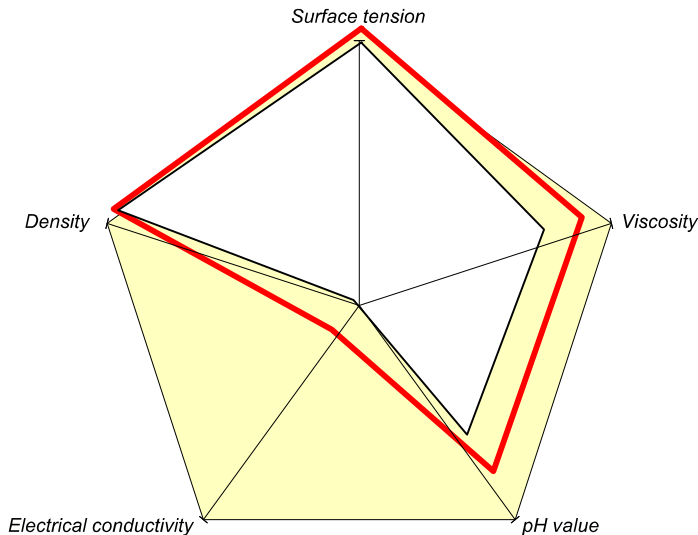


Ink: IJ BKP 249
Type: Pigment Ink
Batch: 0317009

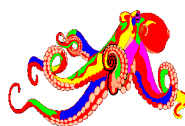
Parameter ⁽¹⁾	Range ⁽²⁾		Unit	Value of this batch	
	from	up to			
Surface tension	(drop volume)	41,70	44,70	mN/m	44,06
	(bubble pressure) ⁽³⁾	39,00	58,00	dyn/cm	
Viscosity	(kinematic)	2,650	3,650	mm ² /s	3,200
				cSt	
	(dynamic)	2,700	3,700	mPa*s cP	3,380
pH value		6,30	9,30	pH	7,90
Electrical conductivity		0,05	1,00	mS/cm	0,19
Density		1,030	1,070	g/cm ³	1,0510
Particle size (mv) ⁽⁴⁾				µm	0,143

Color Metric	Coordinate	Standard ⁽²⁾	Value of this batch
Paper: HP Premium Paper Inkjet $\Delta E = \sqrt{(\Delta L)^2 + (\Delta a)^2 + (\Delta b)^2}$ D65/10°	L	13,86	16,27
	a	0,80	0,57
	b	2,47	1,90
	Δ E	2,50 (max.)	2,49
	Optical Density (OD)		

- (1) All measurements are carried out at 20°C / 68°F / 293 K
- (2) Specification dated 10.11.2011
- (3) Alternative parameter range, only
- (4) Mean volume



The parameter range is subject to be changed by OCP due to technical innovation and re-development



	date	respons.
OCP-Lab	10.03.2017	Dr. S. Koch P. Egger
Editor	10.03.2017	R. Telkemeyer
Final check	13.03.2017	A. Przystaw