Technical Data Sheet (TDS)

Product name :
Reactive dye ink for Kyocera
(KJ4 Series)

Physical Characteristics

1. Cyan

Test	Analytical Result	Specification
Viscosity (50rpm,25℃) cp	8.0	< 15.0
Surface Tension (mN/m, 25℃)	30.2	< 35.0
pH (25℃)	6.80	5.0 ~ 9.0
Conductivity (mS, 25℃)	11.42	< 20
UV-Vis	Ok	STD ± 5%

2. Magenta

Test	Analytical Result	Specification
Viscosity (50rpm,25℃) cp	8.7	< 15.0
Surface Tension (mN/m, 25℃)	30.8	< 35.0
pH (25℃)	7.0	5.0 ~ 9.0
Conductivity (mS, 25℃)	16.02	< 20
UV-Vis	Ok	STD ± 5%

3. Yellow

Test	Analytical Result	Specification
Viscosity (50rpm,25℃) cp	8.6	< 15.0
Surface Tension (mN/m, 25℃)	31.2	< 35.0
pH (25℃)	7.5	5.0 ~ 9.0
Conductivity (mS, 25℃)	12.98	< 20
UV-Vis	Ok	STD ± 5%

4. Black

Test	Analytical Result	Specification
Viscosity (50rpm,25℃) cp	8.8	< 15.0
Surface Tension (mN/m, 25℃)	30.4	< 35.0
pH (25℃)	5.70	5.0 ~ 7.5
Conductivity (mS, 25℃)	15.86	< 20
UV-Vis	Ok	STD ± 5%

5. Light Cyan

Test	Analytical Result	Specification
Viscosity (50rpm,25℃) cp	8.24	< 15.0
Surface Tension (mN/m, 25℃)	29.2	< 35.0
pH (25℃)	6.76	5.0 ~ 9.0
Conductivity (mS, 25℃)	4.0	< 20
UV-Vis	Ok	STD ± 5%

6. Light Magenta

Test	Analytical Result	Specification
Viscosity (50rpm,25℃) cp	8.34	< 15.0
Surface Tension (mN/m, 25℃)	30.0	< 35.0
pH (25℃)	7.12	5.0 ~ 9.0
Conductivity (mS, 25℃)	6.66	< 20
UV-Vis	Ok	STD ± 5%

7. Blue

Test	Analytical Result	Specification
Viscosity (50rpm,25℃) cp	8.24	< 15.0
Surface Tension (mN/m, 25℃)	29.8	< 35.0
pH (25℃)	7.10	3.5 ~ 7.5
Conductivity (mS, 25℃)	12.24	< 20
UV-Vis	Ok	STD ± 5%

8. Orange

Test	Analytical Result	Specification
Viscosity (50rpm,25℃) cp	8.28	< 15.0
Surface Tension (mN/m, 25℃)	29.0	< 35.0
pH (25℃)	7.2	5.0 ~ 9.0
Conductivity (mS, 25℃)	12.44	< 20
UV-Vis	Ok	STD ± 5%

Physical Characteristics

Kyocera 'KJ4' Series	Mode	600x600dpi/bi-pass Width : 150cm, length: 1000cm
	Media	Ink-jet paper

Instrumental Color Evaluation(CIE LAB,D65)
The above data were obtained under currently established test and are subject to the deviation inherent in the test methods. Result may vary under other testing methods or conditions.

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