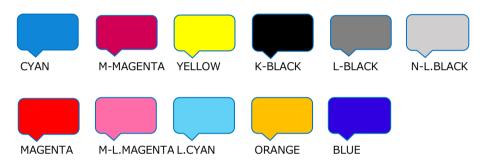
| Type of Ink | Reactive dye ink | | Wider color field, | |
|------------------------|---------------------------------------|-----------------|--------------------------|---------|
| Target fabric | Cotton, Linen, Silk | Advantages | High fa | stness, |
| Major application | General clothing, Miscellaneous goods | | High coloring efficiency | |
| Processing temperature | 104°C×10 min. (H.T.Steamer) → Soaping | Viscosity range | | |
| Precoati | Low | Middle | High | |

COLOR LINEUP



Fastness

| Color | Light fastness | Chlorine fastness | Washing | Dry cleaning | Water | Perspiration |
|-------------|----------------|-------------------|---------|--------------|-------|--------------|
| CYAN | 6 | 4 | 4.5 | 4.5 | 4.5 | 4.5 |
| M-MAGENTA | 6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| YELLOW | >6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| K-BLACK | >6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| L-BLACK | 4.5 | 4 | 4.5 | 4.5 | 4.5 | 4.5 |
| N-L.BLACK | 4.5 | 3.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| MAGENTA | 6 | 4 | 4.5 | 4.5 | 4.5 | 4.5 |
| M-L.MAGENTA | 5.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| L.CYAN | 5 | 3.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| ORANGE | 5.5 | 4 | 4.5 | 4.5 | 4.5 | 4.5 |
| BLUE | >6 | 3.5 | 4.5 | 4.5 | 4.5 | 4.5 |

Test Method

Testing fabric : Cotton 100%

Printing condition: 720 x 720 dpi, 8pass, uni direction, 100% output

Dyeing condition: Pre-drying 110° × 1min-H.T.Steamer(104° × 10min.)- Soaping (90° × 10 min.) –

Washing -Drying

Light fastness : JIS L 0842 (100h exposure), Chlorine fastness : JIS L 0884 (D method 100ppm)

Wash fastness: JIS L 0844(A-4),

Dry cleaning fastness: JIS L 0860(tetrachloroethylene, Water fastness: JIS L 0846,

Perspiration fastness: JIS L 0848 (Alkali)

KIWA-JET

KR Series

| Type of Ink | Reactive dye ink | | Wider color field, | |
|------------------------|--|-----------------|--------------------------|---------|
| Target fabric | Cotton, Linen, Silk | Advantages | High fa | stness, |
| Major application | General clothing, Miscellaneous goods | | High coloring efficiency | |
| Processing temperature | 104 $^{\circ}$ C×10 min. (H.T.Steamer) → Soaping | Viscosity range | | |
| Precoati | Low | Middle | High | |





BLUE-2

ORANGE

Fastness

| Color | Light fastness | Chlorine fastness | Washing | Dry cleaning | Water | Perspiration |
|-----------|----------------|-------------------|---------|--------------|-------|--------------|
| CYAN | 5.5 | 3.5 | 5 | 5 | 5 | 5 |
| MAGENTA-2 | 5.5 | 4.5 | 5 | 5 | 5 | 5 |
| YELLOW | 6 | 4 | 4.5 | 4 | 4.5 | 4.5 |
| BLACK-3 | 5 | 4 | 5 | 5 | 5 | 5 |
| GREY | 4.5 | 3.5 | 5 | 5 | 5 | 5 |
| ORANGE-2 | 6 | 4.5 | 5 | 5 | 5 | 5 |
| BLUE-2 | 4 | 4.5 | 5 | 5 | 5 | 4.5 |

Test Method

Testing fabric : Cotton 100% Printing

condition:15%o.w.p.(Traditional printing)

GREY

Dyeing condition : Pre-drying 110 $^{\circ}$ C × 1min-H.T.Steamer(104 $^{\circ}$ C × 10min.)- Washing-Soaping (90 $^{\circ}$ C × 10 $^{\circ$

min.) - Washing -Drying

Light fastness : JIS L 0842 (20h exposure),

Chlorine fastness: JIS L 0884 (D method 100ppm)

Wash fastness: JIS L 0844(A-4),

Dry cleaning fastness: JIS L 0860(tetrachloroethylene), Water fastness: JIS L 0846,

Perspiration fastness: JIS L 0848 (Alkali)

Notice: Please not that the above test was carried out under our condition and the result will change greatly depending on the customer's conditions (type of clothes, transfer papers, etc.).