

Sheet-fed Offset Printing Ink

BESTACK

Well balanced in every aspect, it is a high quality sheet-fed ink designed to offer utmost ease of use.

◆ Features

- > Applicable to mat coated paper
- > High Gloss effects
- > Rapid Setting and Drying
- > Excellent Ink-Water balance

◆ Specifications

	Tack	Flow	Skin generating time		Drying time on stock	
			Standard	ON	Standard	ON
Yellow LL GR	4.5	41.0	3-5 hrs	40hrs or more	3-6 hrs	4-10 hrs
Magenta LL	5.0	40.5	3-5 hrs	40hrs or more	3-6 hrs	4-10 hrs
Cyan LL	5.5	39.5	3-5 hrs	40hrs or more	3-6 hrs	4-10 hrs
Black LL	5.0	39.0	3-5 hrs	40hrs or more	3-6 hrs	4-10 hrs
Yellow L GR	5.5	41.0	3-5 hrs	40hrs or more	3-6 hrs	4-10 hrs
Magenta L	6.0	40.5	3-5 hrs	40hrs or more	3-6 hrs	4-10 hrs
Cyan L	6.5	39.5	3-5 hrs	40hrs or more	3-6 hrs	4-10 hrs
Black L	6.0	39.0	3-5 hrs	40hrs or more	3-6 hrs	4-10 hrs

◆ Standard Colors and Resistances

<u>Indication of Light Fastness</u> 8 ... more than 1,000 hour 7 ... 300 - 1,000 hour 6 ... 100 - 300 hour 5 ... 60 - 100 hour 4 ... 40 - 60 hour 3 ... 20 - 40 hour 2 ... 10 - 20 hour 1 ... less than 10 hour <u>Indication of Resistance Properties</u> (strongest) 5 - 1 (weakest)	Light Fastness		Resistance Properties							Finishing Process							
	Light Fastness	Weather Test	Light Fastness (1/10 shade)	Heat Resistance	Acid Resistance	Alkali Resistance	Paraffin Resistance	Soap Resistance	Alcohol Resistance	Desensitizing Ink Property	Vinyl Coating	Aquarius Varnish	UV Varnish	Solvent type	Aquarius type	Solvent type	Aquarius type
Yellow	4	2	4	4	5	5	3	5	5	○	○	○	○	○	○	○	○
Magenta	4	2	1	5	3	3	5	1	3	△	○	○	○	○	○	○	○
Cyan	8	7	7	5	5	5	5	5	5	○	○	○	○	○	○	○	○
Black	7	4	7	5	5	4	5	4	4	×	○	○	○	○	○	○	○

P Yellow	4	2	4	4	5	5	3	5	5	○	○	○	○	○	○	○	○
P 012 Yellow	4	2	4	4	5	5	3	5	5	○	○	○	○	○	○	○	○
P 021 Orange	2	1	1	5	4	3	5	1	2	×	○	○	○	○	○	○	○
P Warm Red	2	1	1	5	4	3	5	1	2	×	○	○	○	○	○	○	○
P 032 Red	6	5	6	2	5	5	5	5	5	×	△	○	○	×	×	×	×
P Rubin Red	4	2	1	5	3	3	5	1	3	△	○	○	○	○	○	○	○
P Rhodamine Red	2	1	1	5	4	3	5	1	2	×	△	△	△	△	×	△	×
P Purple	4	2	3	4	4	3	2	1	1	×	△	×	△	×	×	×	×
P Violet	4	2	3	4	4	3	2	1	1	×	△	×	△	×	×	×	×
P Process Blue	8	7	7	5	5	5	5	5	5	○	○	○	○	○	○	○	○
P Reflex Blue	4	2	1	5	3	3	5	1	1	×	△	△	△	△	×	△	×
P 072 Blue	4	2	3	4	4	3	2	1	1	×	△	×	△	×	×	×	×
P Green	8	7	7	5	5	5	5	5	5	○	○	○	○	○	○	○	○
P Mixing	8	8	7	5	5	5	5	5	5	○	○	○	○	○	○	○	○
Trans White	-	-	-	5	5	5	5	5	5	○	○	○	○	○	○	○	○
Opaque White	-	-	-	5	5	5	5	5	5	○	○	○	○	○	○	○	○

<Testing methods of resistances>

Light-fastness

Printed sample is exposed in Fade-O-Meter and is distinguished into 8 steps in accordance with its discolored degree and exposed period.

Heat resistance

Printed sample is heated at 150°C in hot air circulating dry oven for 10 minutes and is distinguished into 5 steps in accordance with its discoloration degree.

Soap resistance

Printed sample is placed on a gel of 10% soap at 20-25°C for 1 hour, and is distinguished into 5 steps in accordance with its discoloration degree and bleeding degree onto the gel.

Solvent resistance

Printed sample is dipped into the blend of Toluene and Acetone by 1 to 1 at 20-25°C for 24 hours and is distinguished into 5 steps in accordance with bleeding degree into the blend.

Manufacturer by KOREA SPECIAL INK IND. CO., LTD.

1385-7, JUAN-DONG, NAM-KU, INCHON, KOREA

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- **The data contained herein are based on the results of the tests conducted in accordance with the in-house test methods, and are not standard values. Always conduct pre-use tests to ascertain the suitability of the product to your requirements. Nothing contained herein is to be construed as a recommendation for use in violation of any patents, applicable laws or regulations. It is the responsibility of the user to comply in all respects with applicable laws and regulations.**
 - **Owing to product improvement the information contained herein may be modified without any prior notice.**
 - **Make sure to read MSDS thoroughly before using the product.**