



**DaiHEI INK**  
大興油墨

大興油墨(福州)有限公司  
DAIHEI INK(FUZHOU) CO., LTD.

## COLD SET WEB INK 4 Color(TDS)

### COLD SET WEB INK DESCRIPTION

This product is a cold-set web offset ink that need be dried under cold condition . Overseas technology in all aspects is introduced and is elaborately manufactured with modernized craft and with top grade raw materials , Thus the quality has reached international standard . It is suitable for paper in offset printing and other non-coated paper as base substrate . It is an ideal ink for printing of such things as periodical , magazine , book and high-end pictorial.

### PRODUCT CHARACTERISTIC

- 1.This is Low mould and low PAH. It complies with EU'S ROHS environment protection standard requirement.
- 2.It has extremely fast setting time suitable for high speed printing requirement ( 60,000 rpm )
- 3.New raw materials is used that can avoid slurring to a great extent.
- 4.Brilliant color , high color density and sharp printing dot
- 5.Excellent adaptability and good transferability on press

### INK'S PROPERTY (油墨的性质)

Cold set web ink	MAGENTA	YELLOW	CYAN	BLACK
流动性 (DM. mm/60sec)	37 - 39	39 - 41	37 - 39	37 - 39
粘性(Tack, 60sec)	7.0 - 7.5	6.5 - 7.0	8.0 - 8.5	7.0 - 7.5
PARTICLE SIZE(细度)	Below 10 $\mu$ m	Below 10 $\mu$ m	Below 10 $\mu$ m	Below 10 $\mu$ m

#### TESTMETHOD(测试方法)

DM : measured by Spreadmeter(60sec/25 $^{\circ}$ C)

粘度: 使用粘度仪测量 (60秒/25 $^{\circ}$  )

Tack : measured by Ink-o-meter(60sec/800rpm, 32 $^{\circ}$ C)

粘性: 使用油墨表测量 (60秒/800转, 32 $^{\circ}$ C)

Particle size : measured by Grinding gauge( $\mu$ m)

颗粒: 使用卡规测量

### RESISTANTLEVEL (耐性表)

		MAGENTA	YELLOW	CYAN	BLACK
Acid (耐酸性)	5(excel)-1(poor)	2	5	5	5
Alkaline (耐碱性)	5(excel)-1(poor)	2	5	5	5
Water (水)	5(excel)-1(poor)	4	5	5	5
Alcohol (酒精)	5(excel)-1(poor)	4	4	5	5
Lightfastness (耐光)	8(excel)-1(poor)	4	4	8	8

Version: 2022

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