

## Offset Ink TDS

### Product use

The offset printing ink offers vivid colors, excellent dot reproduction and great gloss on high speed printing. It is developed high gloss and adapted for high speed printing.

This product offers high quality printing, excellent gloss, fast setting, and very competitive in the market.

### Properties

1. Excellent in abrasion resistance.
2. High printing velocity, high color concentration, and good dot reproduction.
3. Good liquidity. The ink owns a wide range of adaptation for temperature and humidity.
4. Outstanding balance between water and ink.
5. Balanced feature, both good on coated or uncoated paper
6. Innocuous, odor free, low content of arom-hydrocarbon
7. Certifications, such as SGS, REACH, ROHS

### Resistance

Resistance	Light	Heat	Acid	Alkali
<b>Magenta</b>	4	5	5	4
<b>Cyan</b>	5	5	5	5
<b>Yellow</b>	4	4	5	4
<b>Black</b>	5	5	5	5

Excellent 6 → 1 Poor

### Technical Criteria

Features	<b>Magenta</b>	<b>Yellow</b>	<b>Cyan</b>	<b>Black</b>
Tack <sup>1</sup> (38℃)	6.4-6.8	5.2-5.5	6.8-7.2	6.8-7.2
Fluidity <sup>2</sup> (mm)	34-36	34-36	34-36	34-36
Set Time <sup>3</sup> /Mins	7.5-10	10-12.5	7.5-10.5	10-12.5
Drying Time on Coated Paper/Hr	≤10	≤10	≤10	≤10
Drying Time <sup>4</sup> on Glass/Hr	≥20	≥20	≥20	≥20

1. Tack: Valued at 400 rpm by ink-o-meter.
2. Fluidity: Parallel plate viscometer, 0.1ml, 15mins.
3. Set time: 200g coated paper.
4. Drying time: humidity 65%; 25℃.