

## TECHNICAL BULLETIN

# ***i*-AQUA LS**

## WATER BASED FLEXOGRAPHIC PRINTING INKS FOR THE INDUSTRIAL BAG INDUSTRY

*i*-AQUA LS is a water based surface printing ink series formulated for the wide web printing of industrial paper bags. This high performance ink exhibits excellent stability, transfer and printability on press, while delivering a durable ink film on the finished bag.

### Characteristics

- High color strength
- Great press stability
- Excellent printability
- Low slip characteristics

### Substrates

- Heavy weight paper.

### Typical Applications

- *i*-AQUA LS is formulated the wide web flexographic printing of paper for industrial bags.

### Base Colours

- |                                   |           |
|-----------------------------------|-----------|
| • <i>i</i> -AQUA LS Extender      | PWDE06949 |
| • <i>i</i> -AQUA LS White         | PWDW06950 |
| • <i>i</i> -AQUA LS Yellow        | PWDY06951 |
| • <i>i</i> -AQUA LS Orange        | PWDY06952 |
| • <i>i</i> -AQUA LS Y/S Red       | PWDR06953 |
| • <i>i</i> -AQUA LS B/S Red       | PWDR06955 |
| • <i>i</i> -AQUA LS Rhodamine Red | PWDR06956 |
| • <i>i</i> -AQUA LS Violet        | PWDP06957 |
| • <i>i</i> -AQUA LS LF Violet     | PWDP07090 |
| • <i>i</i> -AQUA LS Blue          | PWDB06958 |
| • <i>i</i> -AQUA LS Green         | PWDG06959 |
| • <i>i</i> -AQUA LS Black         | PWDK06960 |

Revised: January 19, 2011

## Technical Data

<b>Viscosity</b>	Shipping viscosity: 22" - 30" Signature Zahn # 2 cup
<b>pH</b>	8.8 to 9.0 Adjust with OWAE02474
<b>Anilox</b>	10.0 bcm, bladed
<b>Plates</b>	Rubber or photopolymer
<b>Reducer</b>	<b>Normal:</b> water <b>Fast Dry:</b> 50/50 water/isopropanol <b>Slow Dry:</b> propylene glycol
<b>Defoamer</b>	PWAE00127 WB Defoamer. Apply sparingly over the ink reservoir using a spray bottle.
<b>Clean up</b>	Magic Clean Extra Conc. (MGC-1). Blend of MGC-1 & warm water (50/50)
<b>Shelf Life/ Storage</b>	Approximately one (1) year depending on storage conditions and use. Store at room temperature. Do not allow to freeze. Stir well before use.

**CAUTION \* CAUTION \* CAUTION \* CAUTION \* CAUTION \* CAUTION \* CAUTION \* CAUTION**

1. Excessive additions of defoamer PWAE00127 may cause surface defects. Add only as directed.
2. Mixed colours are typically not permanent. Even lightfast colours may not be appropriate for exposure to sunlight. Lightfastness or other resistance properties are available for special orders.

Pemla cannot anticipate all conditions under which this information and our products may be used. All printing applications should be tested before using on a press. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Please contact Pemla technical personnel for more information.

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