

# PREMIUM AS SERIES

EN 71-3:2019

**PREMIUM AS** series is a semi-fresh process ink for sheetfed offset printing, **which allows to reduce significantly the amount of anti-set off spray powders and shorten the handling times of the printed sheets. In several industrial tests, the total amount of powders was achieved to be reduced up to 70%.**

## Technical data

		LIGHT (IWS)	ALCOHOL	NITRO	ALKALI	VISOSITY	TACK
		<i>Fastness properties in accordance with ISO 12040 and ISO 2836</i>				<i>20°C, Laray, poises</i>	<i>30° 100 mpm, units</i>
P000004764	PROCESS YELLOW PREMIUM AS	<b>5</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>410 - 440</b>	<b>90 - 100</b>
P000004765	PROCESS MAGENTA PREMIUM AS	<b>5</b>	<b>+</b>	<b>+</b>	<b>-</b>	<b>440 - 470</b>	<b>80 - 90</b>
P000004766	PROCESS CYAN PREMIUM AS	<b>8</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>440 - 470</b>	<b>95 - 105</b>
P000004767	PROCESS BLACK PREMIUM AS	<b>8</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>420 - 450</b>	<b>95 - 105</b>

## Product features

Trapping	■	■	■	■	■	■	■
Dot sharpness	■	■	■	■	■	■	■
Setting	■	■	■	■	■	■	■
Oxidative drying	■	■	■	■	■	■	■
Gloss	■	■	■	■	■	■	■
Rub resistance	■	■	■	■	■	■	■
Rapid further processing	■	■	■	■	■	■	■

Values from 1 (lower range) to 7 (highest range)

## Printing behaviour

- It allows to reduce the amount of anti-set off spray powders up to 70%.
- It allows to reduce the removal times in 10-15 minutes (this period may vary slightly depending on the type of work and the conditions of each printing house).
- It allows to reduce the frequency of rubbers cleaning.
- Suitable for high-speed printing.
- Suitable for all types of fountain solutions.
- Excellent water-ink balance.
- Suitable for perfecting.
- Fresh in the ink duct.
- Application: edition, commercial and packaging.
- In accordance with ISO 12647-2.



### Recommendations:

- **Cleaning:** it is recommended to clean the rollers at long stops as well as to apply an anti-skin spray in the ink duct.
- **Storage:** Store at temperatures between 20-25 °C. Avoid the direct exposure to light and heat sources. Once the can has been opened, it is recommended to add an anti-drier layer in order to avoid the skin appearance. A well-conditioned and clean work environment ease the good behaviour of all the components during the printing process.

**PREMIUM AS** series does not have expiry date at short or medium term.

### Regulatory

- This range accomplishes with EuPIA exclusion list for printing inks and related products, as well as with the heavy metals' limits laid down in the Directive 94/62/EC
- Premium AS can be employed in print outs in accordance with the Toy Safety standard EN71-3:2019. Such conformity has been certified by the Spanish Technological Institute for Children's Products and Leisure (AIJU), test number: L/0076113-1

**PREMIUM AS series is an exclusive design of the R&D&i Department of MARTINEZ AYALA, S.A.**

The aim of our technical documents is to inform and advise our customers. The information provided herein is correct to the best of Martínez Ayala's knowledge and belief. No liability for any errors, facts or opinions will be accepted. Customers must verify and test by themselves the suitability of this product for their application. No liability for any loss as a result of any person placing reliance on any material contained herein will be accepted.