



SERIE OMEGA

The **OMEGA** series is a semi-fresh offset ink based on mineral oils. It represents the maximum quality standard for printing on most of the stocks on the market in 1 to 6 colour presses. The **OMEGA** series is ideal for precision jobs and long run printing.

TECHNICAL DATA

		<u>Yellow</u>	<u>Magenta</u>	<u>Cyan</u>	<u>Black</u>
SOLIDITY:					
Light fastness	(Scale 1-8)	4 - 5	4 - 5	8	8
Alcohol	(Scale 1-5)	5	4	5	2 - 3
Nitro	(Scale 1-5)	5	5	5	4
Alkali	(Scale 1-5)	5	4	5	4

The **OMEGA** serie fulfils with the **ISO 2846-1** norm on colour and transparency and it is suitable to print according to the **ISO 12647-2** norm.

CHARACTERISTICS

- Fast setting for fast printing and quick post press process.
- High rub resistance.
- Excellent dot sharpness.
- Excellent gloss.
- High intensity.
- Good press stability and perfecting.
- Fast water-ink balance and good stability during printing.
- For a perfect IPA free printing we recommend the use of ECOSOL®.
- Low odour.





**Martínez
Ayala**

Precautions of use

Generalities

The **OMEGA** series is designed mainly for its application in offset leaf of small and big format. Suitable to print on cardboard or paper, non coated or coated matt and gloss papers.

Its use in non absorvent supports such as PVC or metallised papers is not recommended.

Due to the special combination of its colour strength and stability, we obtain quick starting of the press, saving up to ink and stains, which helps to reduce the production costs.

Printing Speed

The **OMEGA** serie is designed to print at high speed.

Fount Solution

This series is adapted to the different dampening systems from the main manufacturers of offset machinery. Its effectiveness has been verified with the majority of fount solutions that are commercialised in the market. For a perfect IPA free printing we recommend the use of ECOSOL[®].

Rubbers and Rollers

It is recommended to use vegetal and mineral oil resistant rubbers, property that those fulfill habitually that exists in the market.

The inking rollers can be of synthetic rubber or polyurethane. The cleaning can be operated with White Spirit or preferable with vegetal cleaning which helps to protect the environment.

The *OMEGA* series is an exclusive design by the Martínez Ayala Research, Development & Innovation Department

The information included in this technical data sheet is based upon our current expertise and normalised tests. To make sure of its adaptation to correct working conditions, we recommend to run the relevant tests.

Our Technical Department remains at your disposition for any enquiry you may have regarding our products and their application.