

Technical Information

16.P.040 Conventional Offset Systems | Ink Series, Process Inks

iNKREDIBLE®

ALPHA viva AP999

The cradle to cradle gold certified sheet-fed offset process series based on renewable raw materials – mineral oil- and cobalt-free

ALPHA viva AP999 is the duct fresh sheet-fed offset process series from **hubergroup**. Due to the special selection of raw materials, the process inks meets the requirements for certification according to cradle to cradle gold.

Range of applications

ALPHA viva AP999 process inks are particularly suitable for jobs on coated paper and board or other absorbent substrates.

This printing ink series is formulated mineral oil- and cobalt-free, but is not of the "low-migration" type. It is not recommended for the manufacture of food packaging.

Properties

ALPHA viva AP999		Fastness properties per ISO 12040 / ISO 2836			
		Light BWS	Alcohol	Solvent mixture	Alkali
Yellow	41 AP 999	5	+	+	+
Magenta	42 AP 999	5	+	+	-*
Cyan	43 AP 999	8	+	+	+
Black	49 AP 999	8	+	+	+

*) not suitable for poster printing

- Good stackability with minimal powder spraying
- Colour shades closed to ISO 2846-1
- High fountain solution tolerance, excellent stability in the production run
- mineral oil free
- Cobalt-free
- Recommended for printing according to Cradle-to-Cradle MHC Gold-Level certified by Cradle-to-Cradle Product Innovation Institute

Gloss	low		very high
Rub resistance	moderate		good
Dot sharpness	low		high
Setting	slow		very rapid
Post print finishing	slow		very rapid
Perfecting	limited		compatible

Printing auxiliaries

ALPHA viva AP999 process inks are supplied ready to use. However, under exceptional circumstances it may become necessary to adapt the process inks to special printing conditions. The auxiliaries mentioned below are compatible with the highly developed vehicle system:

- for reducing tack with substrates that are susceptible to picking **Ink Oil 10 T 1405**,

Classification

According to the Ordinance on Hazardous Substances: none

According to the Regulation of Flammable Liquids: none

Material Safety Data Sheet available on request. Please refer to the contact of your local supplier.