

Technical Information

DF77

Performance Colors & Glass

Ferro Inks for Dinnerware

Ferro's Dinnerware Inks display the best solutions suited for every inkjet technology demand in ceramic dinnerware production. This family of colored inks displays a very

broad chromatic range, suited for high-definition (400 DPI) and high-resolution print heads (GS) with the following technical features:

Technical Features:

- Not classified, odourless organic solvent
- Ceramic pigments with controlled crystallization
- Grain size: below 1 micron
- Broad chromatic range with the possibility to combine up to 12 colors.

Print Head Characteristics

- Ink deposition weight: up to 20g per sqm
- Grain size up to 1 micron
- Drop volume: between 10 and 80 pl
- Resolution from 360 to 400 DPI

These inks are developed for the application onto the unfired glaze of earthenware, stoneware, bone china and all other bodies without a reduction period during glost firing.



Ferro offers furthermore the combination of special digital process inks with the unique ceramic color management system CerDeChromAdvanz. This combination gives us the opportunity of doing the first true digital seven-color printing process in the ceramic industry. The seven-color printing process enables us to reproduce designs favourably compared to the original design in an economical way.

Fig1: Color samples of the Ferro Inks**Seven color process inks**

CMYK Colors:



12 5800



77 5800



13 5800



14 5800

RGB Colors:



16 5800



11 5800



12 5801

Spot Colors



13 5801



17 5800



12 5802



12 5803

While every attempt has been made to reproduce colors exactly, the samples printed here may differ slightly from the finished ceramic products.

Tabel1: Ferro Inks

Referenze	Color Shade
11 5800	Green*
12 5800	Cyan*
12 5801	Cobalt Blue*
12 5802	Blue
12 5803	Dark Blue
13 5800	Yellow*
13 5801	Beige
14 5800	Black*
16 5800	Dark Red Brown*
17 5800	Pink
77 5800	Magenta*

7-Color Process Colors*Limitation of Warranty and Liability**

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