



## Gmund Valentinoise

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### PRINTING TIPS

#### Printing

- Offset printing
- Letterpress
- Silk-screen printing
- Blind embossing
- Hot foil stamping (except "T")
- Paper etching (except "T")
- Die cutting

#### Recommendations for offset printing

- Screens up to 80 l/cm
- Match litho to the paper colour
- Proof printing on same paper stock
- Under colour reduction when applying strong ink coverage
- Increase pressure and use soft rubber blankets to allow penetration of the ink into the depths of the embossing

Low absorption of ink, therefore:

- Use of fully oxidative drying inks
- Print dusting, low printing stacks
- Careful drying, minimum of 24 hours

#### Recommendations for laser and inkjet printing

- 90 g/m<sup>2</sup> is suitable for laser and inkjet printing in desktop applications
- The suitability for laser and inkjet printing refers to unprinted sheets in delivery format
- Further processing (offset printing, cutting to size, embossing, etc.) must not deleteriously affect the paper and its suitability for laser and inkjet printing
- Laser-compatible printing inks should be used for offset printing and only minimal amounts of dampening agents should be applied if pre-produced offset-printed sheets are intended for subsequent laser printing. An offset screen area with a maximal coverage of 40% is recommended.

#### Special advice

- Acid free, pH-neutral
- Also the waxed papers ("T") can be used in offset printing but special attention needs to be paid to the drying process, as the paper cannot absorb any ink. Printing techniques causing heat need to be avoided. The stability of this paper is reduced due to the embossing and treatment with wax. Printing of full size sheets on machines with weak paper guide may cause wrinkles. To avoid this, it is recommended to use half sheets.
- Nice "milky" effects when embossing the waxed grades ("T")
- The paper surface can vary slightly from making to making
- Natural papers have a top side and a bottom side. It is recommended, to use the top side as the front side for the print project.
- For printing and processing, the recommendations of the manufacturers of machines, inks, glues, lamination and embossing foils etc. have to be followed. For any damages caused by improper application, Gmund cannot accept liability.

#### Further information

- [www.gmund.com](http://www.gmund.com)