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Gmund Bio Cycle

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PRINTING INFORMATION

Printing

- Offset printing (Chlorophyll – Blattgrün is suitable for offset printing, but with some restrictions)
- Letterpress
- Silkscreen
- Blind embossing
- Hot-foil embossing
- Stamping

Recommendations for offset printing

- Raster widths up to 80 l/cm
- Adjust the lithograph depending on the paper's color
- Proof on the paper which will be used for the print run
- Under color removal (UCR) with ample ink
- Deposits of cotton dust or inclusions on the offset blanket are avoidable and require regular cleansing of the rubber blankets. This is especially true for Chlorophyll – Blattgrün: tiny plant parts can separate from the surface here.
- 600 g/m^2 can be offset printed only by cardboard printing machines (thickness of the material = ca. 1 mm).

Low absorption of the printing ink, therefore:

- Print using only oxidative-drying inks
- Print dusting, low printing stack
- Dry thoroughly for a minimum of 24 hours

Recommendations for laser / inkjet printing

- 100 g/m² is suitable for laser and inkjet printers in office environments
- Suitability for laser and inkjet printers refers to unprinted sheets in the delivered format
- Further processing (offset printing, cutting, embossing, etc.) can adversely affect the paper and its suitability for printing with laser and inkjet printers
- If subsequent laser printing is to be done on printed sheets that were pre-produced with offset printing, then the offset printing should be done with laser-compatible inks and a low application of moistening agents. An offset raster surface with maximally 40% coverage is recommended.

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Special features	- Inclusions, the look of the sheet and the color may vary slightly from one fabrication to the next due to the composition of the materials and the utilization of natural plant-based raw materials. - The special character of Chlorophyll – Blattgrün looks best when little ink is used, with blind embossing, and in letterpress printing. - The printing technique should be adapted to suit the unusual surface of the paper - Acid-free, pH-neutral - Rag – Baumwolle has a very soft surface that can easily be marred by physical pressure. Pressure and abrasion should be reduced as much as possible to avoid scratches during processing. - High-quality cotton fibers from the USA are used in the manufacturing of these papers. Cotton is a naturally grown raw material that has not been chemically homogenized. Paper's typical response to atmospheric humidity is quite noticeable here, so the paper may shrink if it becomes very dry. - Natural papers have an upper side and an underside. It is recommended to use the paper's upper surface as the front of the printed item. - Cycle – Kreislauf is acid-free and therefore not entirely resistant to aging because of the possible presence of woody fibers in the recycled raw material. - When printing and processing, follow the manufacturer's recommendations for machines, printing inks, adhesives, laminating foils, stamping foils, etc. Gmund accepts no liability for damage resulting from incorrect use.
Additional information	- world-en.gmund.com