



Product Information CyclusOffset

Product	Uncoated Offset paper, surface sized, produced from 100% recycled fibres.
Areas of use	Catalogues, stationery, magazines, promotional prints, brochures, posters, direct mail, report & accounts etc.
Photographic Reproduction	Fully suitable for light pictures.
Text	The matt, reflection free surface makes the paper suitable for large text areas in combination with light pictures.
Repro	Screen density up to 60 lines/cm (152 lines/inch). We recommend repro adjustment.
Printing processes	Offset, dry offset and web offset with heatset and coldset drying. OCR/ICR – approved from 90 g/m ² . All inks suitable for uncoated paper.
Binding & folding	Clamps, thread and adhesive binding. Recommended - without precreasing up to 170g/m ² , punching and embossed printing recommended.
Personalization	Reels: Suitable for a limited amount of subsequent laser and ink-jet printing.
Raw Materials	Based on 100% recycled paper according to the RAL UZ 14 - Bluer Angel.
De-inking	All residual products are environmentally friendly being used for paper fibres, fertiliser, and as raw material for the building industry.
Bleaching	Without use of optical brightener and chlorine.
Filler	Calcium carbonate.
Sizing	Neutral.
Energy	Bio fuel.
Relative Humidity	50% by 23° C.
Stock	Please find our extensive range in the specific stock list covering all available European sheet sizes.



- Substances** Sheets and reels: 70, 80, 90, 100, 115, 140, 150, 170, 200, 250, 300, 350 g/m². Other substances, please contact Dalum Papir.
- Machine Deckle** PM7: 480 cm.
PM6: 310 cm.
- Sheet size** <90 g: Max width 120 cm, max length 110 cm.
>=90 g: Max width 160 cm, max length 160 cm. However, the largest sheet size is 120 x 160 cm.
- Minimum Production Quantity** 2 tonnes per specification.
- Minimum Delivery Quantity** 2 - 5 tonnes (depending on destination).

Technical Specifications (Guidelines)

Acc. to following standards:

ISO 536 ISO 534 ISO 534 ISO 8791-2 ISO 2470 ISO 11475 ISO 2471

Substances	Thickness	Bulk	Roughness Bendtsen	Brightness ISO	Whiteness CIE	Opacity
g/m ²	my	cm ³ /g	ml/min.	%	%	%
70	89	1,27	210	81	89	92
80	99	1,24	210	83	93	94
90	106	1,18	210	84	95	95
100	113	1,13	210	84	95	96
115	128	1,11	210	84	95	>=98
140	157	1,12	210	84	95	>=98
150	166	1,11	210	84	95	>=98
170	190	1,12	230	84	95	>=98
200	225	1,13	230	84	95	>=98
250	285	1,14	270	84	95	>=98
300	350	1,17	270	84	95	>=98
350	415	1,18	270	84	95	>=98

- Certificates:**
- | | |
|---------------------------|---|
| RAL UZ-14 | Blue Angel |
| Licence DK/11/1 | European Flower |
| NAPM | National Association of Paper Merchants |
| ISO 9001 | Quality management |
| EMAS, ISO 14001 | EU environmental management/
certification scheme |
| DIN 6738 | Archive properties, LDK class 24-85
(some hundred years, > 200 years) |
| EN 71-3 | Safety of toys, migration of certain elements |
| Certificate of conformity | According to Code of Federal Regulations,
Food and Drugs, §§ 176.170 and 176.180 |

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