Product name: Color Copy

Mill: Mondi Business Paper

Country of origin: Austria

Web address: www.mondibp.com/colorcopy

Technical Specifications

- [ ] Coated Paper
  - [ ] A1
  - [ ] A2+
  - [ ] A2
  - [ ] A3
- [x] Archival Life
- [x] ISO 9706 - Paper for documents Requirements for permanence
- [x] PH Neutral
- [x] ISO 9001 - Quality Management System
- [ ] FDA Approved
- [ ] High Bulk
- [x] High Opacity
- [x] Digital Print
- [x] Inkjet Compatible
- [x] Laser Guaranteed
- [ ] Laser Compatible
- [ ] Waterproof
- [ ] Special Inks Recommended

Color Copy is approved by leading OEM's and is suited to digital colour laser printing

Perfect whiteness and surface treated for brilliant color reproduction

High stability, flatness, stiffness and volume, and has excellent paper formation for even toner transfer

	ISO STD	Unit of measure										
Grammage		g/m2	90	100	120	160	200	250	280			
Caliper		µm	95	106	126	165	200	250	275			
Opacity		%	90	92	95	98	99	-	-			
Brightness		D65	110	110	110	110	110	110	110			
Whiteness CIE		D65	157	157	157	157	157	157	157			
Smoothness (Bendtsen)		ml/min TS	30	30	30	30	30	30	30			
		ml/min WS	30	30	30	30	30	30	30			
Rigidity (Taber Units)		15° MD	3	3.5	6.3	16.5	25.5	45.5	70			
		15° CD	1.5	2	3.3	8.5	14	25	40			
Surface pH			7.5	7.5	7.5	7.5	7.5	7.5	7.5			

Last Updated: January 2009

dalton

Pre print applications with Color Copy.

Color Copy is an uncoated paper printable on both sides. Its superb sheet formation means it can not compared to coated paper. Color Copy is suitable for pre print applications. However, a number of things need to be taken into account.

PRINT ROOM CONDITIONS WHEN OFFSET PRINTING WITH COLOR COPY

Color Copy contains less moisture than paper for offset printing the moisture content is not in equilibrium with that of the air conditions of the printing room. If stored or used inappropriately the paper can absorb to much moisture. This leads first to curling at the edges and ultimately to misregister and creases after digital printing.

FOR THIS REASON THE FOLLOWING POINTS MUST BE OBSERVED

-Keep Color Copy in its sealed packaging until shortly before printing.
-Do not leave Color Copy in damp conditions for long periods (and never over night).
-After offset printing, return Color Copy to air tight environment.
-Ensure that conditions in the printing room are as dry as possible.

COLOR COPY AND OFFSET PRINTING INK

As uncoated paper Color Copy absorbs ink comparatively slow. For this reason, it is essential that only quick drying inks are used. If subsequent laser printing is planned, laser compatible ink must be used and the paper should be allowed to "settle" for 4 of 5 days after printing. The used of additional dryers is recommended, if available. In general, quick-drying and heat set inks are preferable. Under no circumstances should offset sprays be used to speed drying. Before any more work is done with Color Copy, always give the paper time to absorb the ink and to dry. Because of Color Copy's thickness we recommend that the number of sheets stacked one on top of the other is kept to a minimum to prevent any risk of ghosting on the reverse side of the top sheet.

AND FINALLY A FEW TIPS TO MAKE THE INK DRY BETTER

-Use the minimum amount of the fount water.
-The pH value of the fount solution should not be lower than 5.5.
-Under no circumstances should too much fount solution concentrate be used.
-If necessary use a fount solution dryer.
-Avoid emulsification of the ink.