



## Data Sheets

### COLOR COPY



The **Color Copy** effect means colour photocopies and colour laser prints of unique originality and brilliance. That also includes photocopies that cannot be identified as such with the naked eye, as well as prints that look breathtakingly real.

#### 1. BRILLIANT COLOUR REPRODUCTION WITH HIGH DEFINITION

- Acid Free paper
- Excellent formation of the sheet
- Special surface treatments
- Optimal surface smoothness
- High surface changeability



#### 2. PERFECT RUNABILITY

- Correct surface friction
- High dimension stability
- Optimum rotary-cutting without edge burr
- Properly steered pre-curl
- Tests on different digital colour copiers

#### 3. LOW WEAR & TEAR AND LONG LIFE-SPAN OF COPIERS & DIGITAL PRINTERS

- Dust-free paper surface
- No abrasive substances in paper
- Neutral sizing
- Less service costs
- Dust-free cutting edge
- Low filler content
- Longer service intervals

#### 4. EXCELLENT AGING STABILITY AND LONG LASTING SHADE

- Archival - Minimum 200 years
- Highest quality pulps (ECF Pulp)
- Best available filler e.g. Calcium Carbonate
- Neutral sizing with pH " 8,0
- Only selective furnishes
- High bright fibres

#### 5. ENVIRONMENTAL FRIENDLY MANUFACTURING PROCESS

- FSC (Forest Stewardship Council)
- Selection of raw materials are based on ecological values
- Special dyes even suitable for food stuff are used
- High yield and low waste
- No toxic chemicals are used
- Mill with outstanding environmental records
- Accredited ISO 14001 Environmental Standards of paper production





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### Color Copy Benchmark 2008

#### Test Objective and Methodology

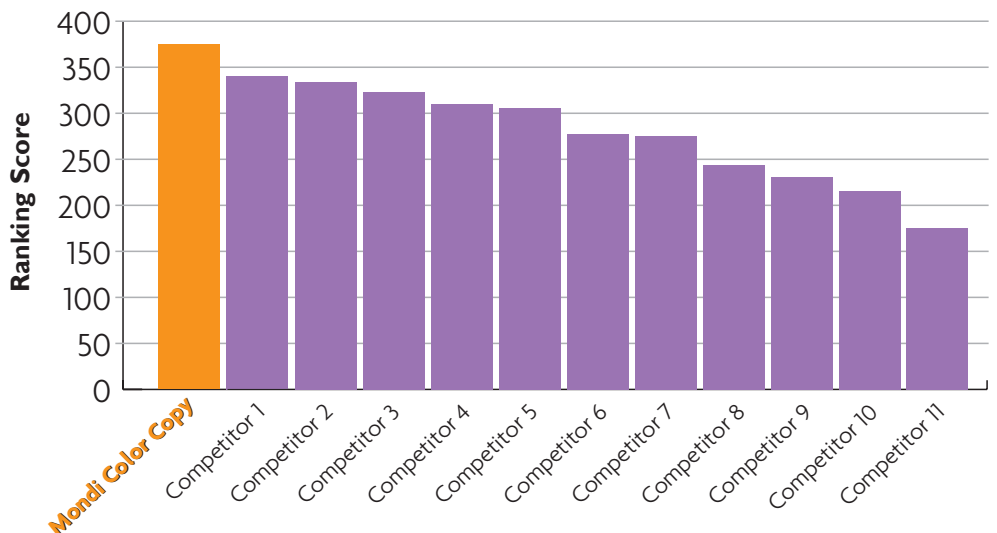
- 1 To establish and re-confirm the strength of Mondi Color Copy by testing it against major selected competitors in the digital colour laser print segment.
- 2 All tested papers were independently investigated through the FOGRA institute in Munich (the leading graphic technology research association).
- 3 To uphold the integrity of the investigation, the print quality test was also conducted as a **'blind' test**.

Including Color Copy, twelve of the most prominent digital colour papers in the market were tested and compared. All papers tested were 100gsm to provide consistency.

Microprint Color Copy	Domtar
Hammer Mill Color Copy	IP
Color Copy Mondi UFP	Mondi UFP
Colotech Gold	Stora Enso
Data Copy Colour Printing	M-Real
DCP	Claire Fontaine
Digi Colour Laser	UPM
Mellotex	Tullis Russell
Navigator Presentation	Soporcel
Pro Design	IP
Rey Color Laser	IP
Xerox Colortech+	IP

The tests were conducted focusing on the following key parameters:

- Print Quality
- Appearance
- Runnability
- Physical Properties





## Data Sheets

### TECHNICAL DATA

COLOR COPY 90gsm  
Grammage: 90gsm (+-3)  
Smoothness (sec): 105 (+-25)  
Brightness with UV (%): 110 (+-1.5)  
Stiffness L&W (mN): MD= 130 (+-30)

Micron: 98 +-4  
Caliper (mm/1000): 98 (+-4)  
CIE Whiteness: 160 (+-3)  
Opacity (%): min 92  
CD= 70 (+-15)

COLOR COPY 100gsm  
Grammage: 100gsm (+-4)  
Smoothness (sec): 105 (+-25)  
Brightness with UV (%): 110 (+-1.5)  
Stiffness L&W (mN): MD= 160 (+-30)

Micron: 106 +-4  
Caliper (mm/1000): 106 (+-4)  
CIE Whiteness: 160 (+-3)  
Opacity (%): min 93  
CD= 90 (+-15)

COLOR COPY 120gsm  
Grammage: 120gsm (+-4.5)  
Smoothness (sec): 105 (+-25)  
Brightness with UV (%): 110 (+-1.5)

Micron: 128 +-4  
Caliper (mm/1000): 126 (+-4)  
CIE Whiteness: 160 (+-3)  
Opacity (%): min 95

COLOR COPY 160gsm  
Grammage: 160gsm (+-6)  
Smoothness (sec): 105 (+-25)  
Brightness with UV (%): 110 (+-1.5)

Micron: 166 +-6  
Caliper (mm/1000): 165 (+-6)  
CIE Whiteness: 160 (+-3)  
Opacity (%): min 96

COLOR COPY 200gsm  
Grammage: 200gsm (+-6)  
Smoothness (sec): 160 (+-40)  
Brightness with UV (%): 110 (+-1.5)

Caliper (mm/1000): 200 (+-7)  
CIE Whiteness: 160 (+-3)  
Micron: 200 +-7

COLOR COPY 250gsm  
Grammage: 250gsm (+-7)  
Smoothness (sec): 160 (+-40)  
Brightness with UV (%): 110 (+-1.5)

Caliper (mm/1000): 250 (+-8)  
CIE Whiteness: 160 (+-3)  
Micron: 245 +-8

COLOR COPY 280gsm  
Grammage: 280gsm (+-8)  
Smoothness (sec): 140 (+-40)  
Brightness with UV (%): 110 (+-1.5)

Caliper (mm/1000): 275 (+-9)  
CIE Whiteness: 160 (+-3)  
Micron: 275 +-9

COLOR COPY 300gsm  
Grammage: 300gsm (+-8)  
Smoothness (sec): 90 (+-30)  
Brightness with UV (%): 110 (+-1.5)

CIE Whiteness: 160 (+-3)  
Micron: 305 +-9

COLOR COPY 350gsm  
Grammage: 350gsm (+-8)  
Smoothness (sec): 90 (+-30)  
Brightness with UV (%): 110 (+-1.5)

Micron: 350 +-10  
CIE Whiteness: 160 (+-3)  
Opacity (%): min 98

