

# Z-Laser Color

# 100 gsm



- Upon request available in FSC quality and CO<sub>2</sub> neutral

## Properties

Super-white, multi-purpose color laser and color copier paper specially adjusted for the latest toner printing technology. The ultra-fine surface (satin finish) guarantees high definition in large area prints. Its high whiteness ensure excellent contrast.

Z-Laser Color is suitable for laser, copier and inkjet applications. Toner adhesion is outstanding in general and on folds. Good results are also obtained in thermal transfer printing. Z-Laser Color delivers outstanding results in offset printing and processing provided that copying moisture is high.

## Applications

- |                                |      |
|--------------------------------|------|
| • Offset printability          | ***  |
| • Laser Printer                | **** |
| • Ink-Jet                      | **   |
| • Copier (mono)                | **** |
| • Copier (color)               | **** |
| • Thermal Transfer             | **   |
| • Flexo Print                  | -    |
| • Hand writing pen / Nylon tip | ***  |

## Special features

- All types of premium business letter paper, menu cards and labels
- Base paper for PE coating for use in release liner application
- Base paper for PE coating for use in photo-inkjet application
- Also glazed for writing paper, postcard stock and document card.
- Can be used instead of opaline board and Bristol board in appropriate weights.

## Special approvals

- Xeikon-Scriptfiles

## Features

- constant high-grade quality
- high brightness
- high opacity
- high smoothness (satin finish)
- high volume

## Special norms fulfilled

Quality assurance system/Security system  
Aging properties

ISO 9001:2008/OHSAS 18001:2007  
ANSI/NISO Z.39.48-1992, ISO 9706-1994, DIN 6738-1992

## Environment programs

Forest certifications:  
Environmental quality system  
Pulp Quality  
Sizing

ISO 14000, FSC 024310  
ISO 14001:2004, FSC SGS-COC-024310, EMAS  
ECF/TCF pulp, woodfree  
acid-free, neutral sizing

## Physical properties

Grammage  
Thickness

gsm  
µm

### Value

100 ± 2  
100 value as experience shows  
3.25 ± 0,5  
111,5 ± 1  
165 value as experience shows  
> 95  
10.0 ± 1  
7,3 ± 0,5  
33 ± 5

### Control methods

ISO 536  
ISO 534  
ISO 8791/4  
DIN 53145  
ISO 1175  
DIN 53146  
ISO 2144  
SVI-EMPA 12  
ISO 287

Smoothness (Parker Print-Surf)  
Brightness  
CIE-Whiteness

µm  
%  
%

Opacity  
Ash content  
Surface pH-Value  
Relative humidity

%  
%  
%  
%

## User tips

Temperature  
Relative humidity

20 ± 3 °C  
50 ± 5 %

## Processing

Adhesive laminating \*\*  
Aluminium laminating \*\*

## Legende

\*\*\*\*super \*\*\*excellent \*\*good \*adequate -no information

Subject to modification at any time resulting from technical improvement. Status: 10.2010



www.zieglerpapier.com