

Z-Laser Color

170 gsm



- Upon request available in FSC quality and CO₂ 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

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 SQS-COC-024310, EMAS
ECF/TCF pulp, woodfree
acid-free, neutral sizing

Physical properties

Grammage
Thickness

gsm
µm

Value

170 ± 3
165 value as experience shows
3,00 ± 0,5
111,5 ± 1
165 value as experience shows
> 97
6,5 ± 1
7,3 ± 0,5
33 ± 5

Control methods

ISO 536
ISO 534
ISO 8791/4
DIN 53145
ISO 11475
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