

# Z-Laser Color

# 90 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 \*\*\* (CAD)
- 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 ISO 9001:2008/OHSAS 18001:2007  
 Aging properties ANSI/NISO Z.39.48-1992, ISO 9706-1994, DIN 6738-1992

## Environment programs

Forest certifications: ISO 14000, FSC 024310  
 Environmental quality system ISO 14001:2004, FSC SQS-COC-024310, EMAS  
 Pulp Quality ECF/TCF pulp, woodfree  
 Sizing acid-free, neutral sizing

## Physical properties

	gsm	Value	Control methods
Grammage	90	90 ± 2	ISO 536
Thickness	µm	110 value as experience shows	ISO 534
Smoothness (Parker Print-Surf)	µm	4.50 ± 0,5	ISO 8791/4
Brightness	%	111,5 ± 1	DIN 53145
CIE-Whiteness	%	165 value as experience shows	ISO 11475
Opacity	%	> 95	DIN 53146
Ash content	%	9,0 ± 1	ISO 2144
Surface pH-Value		7,3 ± 0,5	SVI-EMPA 12
Relative humidity	%	35 ± 5	ISO 287

## User tips

Temperature 20 ± 3 °C  
 Relative humidity 50 ± 5 %

## Processing

Adhesive laminating \*  
 Aluminium laminating -

## Legende

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