

Z-Pharma

50 gsm



- Upon request available in FSC quality and CO₂ neutral

Properties

Specially developed for the pharmaceutical industry, Z-Pharma is attractive for a wide range of applications thanks to its unbeatable processing and folding properties. In combination with controlled thickness, extremely high opacity and excellent printability – ideal for all colours and extremely fine print – it is predestined to be used for effective package inserts. Utilisation of eco-friendly pulp and an absolute minimum of optical brighteners, coupled with excellent archiving properties meet all demands on the ecological front, as well. Z-Pharma is GMP certified and can be supplied with an optional invisible security feature (protection against counterfeiting).

All Specialties papers are woodfree and acid free, have neutral sizing and excellent aging properties.

Applications

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

Special features

- package leaflet paper
- luminescence at least 6 according to Ciba-Scale, and > mind. 7 according to Laetus-Scale
- optional security features
- PP type R: same paper quality but with a different thickness 54 ± 4 (ISO 534)

Special approvals

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Features

- Superb processing and folding properties
- High opacity and excellent printability
- Ideal for package inserts (GMP certified)
- Optional security feature (anti-counterfeiting)
- Individual support and personal consultation

Special norms fulfilled

Quality assurance system/Security system
Aging properties
Others

ISO 9001:2008, GMP-supplier (Good Manufacturing Practice)/OHSAS 18001:2007
ANSI/NISO Z.39.48-1992, ISO 9706-1994, DIN 6738-1992
BfR XXXVI (analysis for the conformity with the demands on food contact materials)

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
Smoothness (Parker-Print-Surf)

Brightness
Opacity
Ash content
Surface pH-Value
Relative humidity

	Value	Control methods
Grammage	50 ± 3	ISO 536
Thickness	63 ± 3	ISO 534
Smoothness (Parker-Print-Surf)	5.25 value as experience shows	ISO 8791/4
Brightness	88,0 ± 1,0	DIN 53145
Opacity	> 83	DIN 53146
Ash content	12,0 ± 1,0	ISO 2144
Surface pH-Value	7,3 ± 0,5	SVI-EMPA 12
Relative humidity	45 ± 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

Subject to modification at any time resulting from technical improvement. Status: 09.2011