

- Upon request available in FSC quality.

Properties

CAD/GIS

Plotter paper for laser and inkjet plotters (LF P) and colour CAD plots + GIS. Perfect for high contrast at midrange resolution. Very good wet smear resistance! Both sides printable! Ideal all-round paper for everyday use. The surface treatment guarantees very good results for both lines and solid area plots. Ink does not bleed and dries immediately. Pigmented ink (black) adheres to the surface very well and is immediately smear resistant. This greatly facilitates subsequent processing (folding). The extra-white finish guarantees top contrast.

Transactional/transpromotional printing

Z-Plot 650 is the ideal paper for four-colour transactional and transpromotional printing and for direct-mail applications. Z-Plot 650 is compatible with all high-performance inkjet printing equipment using pigmented or dye-based ink systems. Inkjet printing is immediately resistant to water and smearing and can therefore be processed further without waiting. The excellent processing properties of Z-Plot 650 guarantee its problem-free use along the entire value-added chain.

Applications

- Offset printability
- Laser printers (reels)
- Inkjet (mono)
- Inkjet (colour)
- Copiers (mono)
- Copiers (colour)
- Thermal transfer
- Flexo printing
- Handwriting pen/Nylon pen

see processing information

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Special features

- High-performance 4-colour inkjet printing

Special approvals

- Kodak Versamark certificate (VL2000)
- Screen Truepress 520
- IBM InfoPrint 5000
- Pitney Bowes
- Impika 600
- Océ Jetstream 1100/2200

Features

- Excellent brightness
- High contrast
- Outstanding colour density
- Excellent brilliance
- Very good opacity
- Special calendaring
- Suitable for laminating
- Both sides printable
- Sharp contours and lines
- Wet smear resistant
- Rapid drying
- No dry rub-off with pigmented inks

Special norms fulfilled

Quality assurance system/Security system
 Aging properties
 Other

ISO 9001:2008/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 systems
 Pulp quality
 Sizing

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

Physical properties

Grammage
 Thickness
 Smoothness (Parker Print Surf)
 Brightness
 CIE-Whitiness
 Ash content
 Opacity
 Surface pH value
 Relative humidity

Unit

gsm
 µm
 µm
 %
 %
 %
 %
 %
 %

Value

120 ± 3
 140 value as experience shows
 4.50 ± 0.5
 111.5 ± 1
 165 value as experience shows
 12.0 ± 1
 97 value as experience shows
 7.3 ± 0.5
 40 ± 4

Standard

ISO 536
 ISO 534
 ISO 8791/4
 DIN 53145
 ISO 11475
 ISO 2144
 DIN 53146
 SVI-EMPA 12
 ISO 287

User tips

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

Processing

Adhesive laminating *
 Aluminium laminating **

Legend

****excellent ***very good **good *adequate - no details

Subject to alteration at any time as a result of technical improvements. Status: 10.2014