

MUNKEN POLAR

Extraordinary printing demands extraordinary design paper. The uncoated smooth surface of Munken Polar and its crispy white shade enhances images and has an exclusive, yet very natural feel. Munken Polar is developed for offset print and also suitable for various kinds of printing techniques; flexo, laser, xerography, digital printing, inkjet and for preprint applications. Available also is a cream shade, Munken Pure, a natural white version, Munken Lynx and the highwhite Munken Kristall. Munken Polar standard products are available as FSC™, PEFC and EU Ecolabel certified.



The mark of responsible forestry



EU Ecolabel : SE/011/05



Promoting Sustainable Forest Management
www.pefc.org

BASIC INFORMATION

Optimized for colour printing.
Available in sheets. Available in reels

ENVIRONMENT / SAFETY

EU Ecolabel, The paper is inspected for Nordic Ecolabelled printing, ECF, ISO 14001, EMAS, Paper Profile, Safety of Toys, Food contact, Age resistant (ISO 9706), Woodfree, FSC_C020637, PEFC_053399

PRINTING TECHNIQUES

Offset, Flexo, Laser, Inkjet
(black/white)

SHADE

Highwhite

SURFACE

Uncoated, Smooth

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Grammage (g/m ²)	80*	90*	100	120	130	150	170	200	240	300 ^B	400 ^B	600 ^B
Opacity (%)	89	91	93	95	96	97	98	99	99	100	100	100
Thickness (µm)	104	117	113	136	147	170	192	226	271	339	452	678
Bulk (thickness/grammage)	1.3	1.3	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Whiteness (CIE)	145	145	145	145	145	145	145	145	145	145	145	145
Brightness (ISO 2470/D65 %)	109	109	109	109	109	109	109	109	109	109	109	109
Roughness (Bendtsen, ml/min)	150	150	150	150	150	150	150	150	150	150	150	150

Screen recommended 133-150 lpi

^B Laminated paper

* Fully preprint adapted

Values are targets only and can be subject to changes over time without prior notice.