

# 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 EU Ecolabel, FSC® – The mark of responsible forestry. [www.fsc.org](http://www.fsc.org). FSC-C020637 and PEFC™ PEFC/05-33-99 certified.



The mark of  
responsible forestry



EU Ecolabel : SE/011/05



## Technical specifications

<b>Basic information:</b>	Optimized for colour printing, Available in sheets, Available in reels
<b>Surface:</b>	Smooth, Uncoated
<b>Shade:</b>	Crisp White
<b>Printing techniques:</b>	Offset, Flexo, Laser, Inkjet (black/white)
<b>Certificates/Statements:</b>	FSC_C020637, PEFC_053399, 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, Cradle to Cradle Certified®

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

<sup>B</sup> Laminated paper

\* Fully preprint adapted

Screen recommended 133-150 lpi

Values are targets only and can be subject to changes over time without prior notice. You will find the latest technical information and other technical recommendations about our products at [arcticpaper.com](http://arcticpaper.com)