## MUNKEN PURE

Extraordinary printing demands extraordinary design paper. The uncoated smooth surface of Munken Pure and its cream white shade convey distinct features to images and gives an exclusive very true authentic appeal. Munken Pure is developed for offset print and also suitable for various kinds of printing techniques; flexo, laser, xerography, digital printing, inkjet and for preprint applications. $80 \& 90 \mathrm{~g} / \mathrm{m}^{2}$ are even further developed as a fully adapted preprint paper. Also available is a bright white, Munken Polar, a natural white version, Munken Lynx and the high white Munken Kristall.

Munken Pure standard products are available as EU Ecolabel, FSC ${ }^{\circledR}$ - The mark of responsible forestry. www.fsc.org. FSC-C020637 and PEFCTM PEFC/05-3399 certified.

## BASIC INFORMATION

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

## CERTIFICATES / STATEMENTS

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, Cradle to Cradle Certified ${ }^{\text {M }}$

## PRINTING TECHNIQUES

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

## SHADE

Cream
SURFACE
Uncoated, Smooth

MUNKEN PURE

| Grammage ( $\mathbf{g} / \mathbf{m}^{\mathbf{2}}$ ) | $\mathbf{8 0 *}$ | $\mathbf{9 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 2 0}$ | $\mathbf{1 3 0}$ | $\mathbf{1 5 0}$ | $\mathbf{1 7 0}$ | $\mathbf{2 0 0}$ | $\mathbf{2 4 0}$ | $\mathbf{3 0 0 B}$ | $\mathbf{4 0 0 B}$ | $\mathbf{6 0 0 B}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Opacity (\%) | 88 | 90 | 92 | 94 | $\mathbf{9 5}$ | $\mathbf{9 6}$ | $\mathbf{9 7}$ | 98 | 99 | 100 | 100 | 100 |
| Thickness ( $\mu \mathrm{m}$ ) | 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) | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| Brightness (ISO 2470/D65 \%) | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Roughness (Bendtsen, ml/min) | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |

[^0]
[^0]:    Screen recommended 133-150 lpi
    ${ }^{B}$ Laminated paper

    * Fully preprint adapted

