

## MUNKEN PRINT WHITE

Our aim with Munken Print White was to develop the ultimate book paper by combining the best properties of woodfree and wood-containing paper. Thus we have created a quality with bulk, strength, surface, readability and printability especially for book production. The result is a high quality white shaded book paper with a feel and stiffness suited to most types of books, for colour or black and white print. Munken Print White comes in a wide range of bulks and grammages in sheets and reels, enabling the same quality to be used for both covers and inserts. There is also a cream version: Munken Print Cream. Munken Print White standard products are available as EU Ecolabel, FSC™ – The mark of responsible forestry. [www.fsc.org](http://www.fsc.org). FSC-C020637 and PEFC certified.



### BASIC INFORMATION

Optimized for text. Available in sheets. Available in reels

### ENVIRONMENT / SAFETY

EU Ecolabel, ECF, ISO 14001, EMAS, Paper Profile, Safety of Toys, Food contact, FSC\_C020637, PEFC\_053399

### PRINTING TECHNIQUES

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

### SHADE

White

### SURFACE

Uncoated, Rough

### MUNKEN PRINT WHITE 15

Grammage (g/m <sup>2</sup> )	70	80	90	100	115	150	300 <sup>B</sup>
Opacity (%)	88	90	92	94	95	97	100
Thickness (µm)	105	120	135	150	172	225	450
Bulk (thickness/grammage)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Whiteness (CIE)	116	116	116	116	116	116	116
Brightness (ISO 2470/D65 %)	96	96	96	96	96	96	96
Roughness (Bendtsen, ml/min)	300	300	300	300	300	300	300

Screen recommended 133-150 lpi

<sup>B</sup> Laminated paper

### MUNKEN PRINT WHITE 18

Grammage (g/m <sup>2</sup> )	70	80	90	100 <sup>D</sup>	115	150 <sup>D</sup>
Opacity (%)	88	90	92	94	95	97
Thickness (µm)	126	144	162	180	207	270
Bulk (thickness/grammage)	1.8	1.8	1.8	1.8	1.8	1.8
Whiteness (CIE)	116	116	116	116	116	116
Brightness (ISO 2470/D65 %)	96	96	96	96	96	96
Roughness (Bendtsen, ml/min)	500	500	500	500	500	500

Screen recommended 133-150 lpi

<sup>D</sup> Not standard production. Min. 10 tonnes and paper machine trim needed.

**MUNKEN PRINT WHITE 20**

<b>Grammage (g/m<sup>2</sup>)</b>	<b>70D</b>	<b>80</b>	<b>90</b>	<b>100D</b>
Opacity (%)	88	90	92	94
Thickness (µm)	140	160	180	200
Bulk (thickness/grammage)	2.0	2.0	2.0	2.0
Whiteness (CIE)	116	116	116	116
Brightness (ISO 2470/D65 %)	96	96	96	96
Roughness (Bendtsen, ml/min)	1200	1200	1200	1200

Screen recommended 85-133 lpi

<sup>D</sup> Not standard production. Min. 10 tonnes and paper machine trim needed.

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