



# ARCTIC PAPER

## MUNKEN KRAFT K1

Munken Kraft K1 is a machine finished Bleached Kraft paper with high whiteness, suitable for polymer-coating, various bag, wrapping and packaging applications.

The paper is produced with a mixture of softwood and hardwood virgin fiber to give it high strength and good printability. Munken Kraft K1 is available as FSC® – The mark of responsible forestry. [www.fsc.org](http://www.fsc.org). FSC® C012880 and PEFC™ PEFC/01-31-126 certified.



### BASIC INFORMATION

Grammages from 38 to 60 g/m<sup>2</sup>

### CERTIFICATES / STATEMENTS

FSC, PEFC, ISO 14001, EMAS, Paper Profile, ISEGA certificate (food contact)

### PRINTING TECHNIQUES

Flexo, Offset

### SHADE

Highwhite

### SURFACE

Machine Finished

## MUNKEN KRAFT K1

	TARGET	TARGET	TARGET	TARGET	TOLERANCE	METHOD
<b>Grammage (g/m<sup>2</sup>)</b>	<b>38</b>	<b>40</b>	<b>50</b>	<b>60</b>	+/- 3%	ISO 536
Thickness (µm)	53.2	55.6	67.5	76.2	+/- 3%	ISO 534
Bulk (cm <sup>3</sup> /g)	1.40	1.39	1.35	1.27	+/- 0.06	ISO 534
Roughness (Bendtsen, ml/min)	280	280	280	280	+/- 80	ISO 8791/2
Opacity (%)	53	55	64	68	- 2	ISO 2471
Brightness (%)	101	101	101	101	+/- 3	ISO 2470/D65
Whiteness (CIE)	141	141	141	141	+/- 3	ISO 11475
Cobb <sub>60</sub> (g/m <sup>2</sup> )	25	25	25	25	+ 7	ISO 535
Moisture (%)	6	6	6	6	+/- 1	ISO 287
Tensile Strength MD (kN/m)	3.5	3.7	4.5	5.5	- 0.3	ISO 1924/2
Tensile Strength CD (kN/m)	1.5	1.7	1.8	2.5	- 0.2	ISO 1924/2
Tensile Index MD (Nm/g)	93.0	91.7	89.3	92.2	- 5.6	ISO 1924/2
Tensile Index CD (Nm/g)	40.4	41.7	36	41.1	- 3.3	ISO 1924/2
Tear Strength MD (mN)	285	300	375	450	- 90	ISO 1947
Tear Strength CD (mN)	304	320	400	480	- 90	ISO 1947
Tear Index MD (Nm <sup>2</sup> /kg)	7.5	7.5	7.5	7.5	- 1.5	ISO 1947
Tear Index CD (Nm <sup>2</sup> /kg)	8	8	8	8	- 1.5	ISO 1947
Burst Strength (kPa)	144	152	190	228	- 30	ISO 2758
Burst Index (kPam <sup>2</sup> /g)	3.8	3.8	3.8	3.8	- 0.5	ISO 2758

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