



# ARCTIC PAPER

## MUNKEN KRAFT M1

Munken Kraft M1 is a machine finished Bleached Kraft paper with high whiteness, suitable for various bag, wrapping and packaging applications. The paper is produced with a mixture of softwood and hardwood virgin fibre to give it high strength and good printability.

Munken Kraft M1 is Cradle to Cradle Certified™ at bronze level, has a Cradle to Cradle Products Innovations Institute's Silver Level Material Health Certificate and holds an ISEGA certificate of compliance for food contact. Munken Kraft M1 is available with EU Ecolabel, FSC® and PEFC™ certification.



### BASIC INFORMATION

Grammages from 70 to 150 g/m<sup>2</sup>

### ENVIRONMENT / SAFETY

ISEGA certificate (food contact), FSC\_C020637, PEFC\_053399, EU Ecolabel, ISO 14001, EMAS, Paper Profile, Cradle to Cradle Certified™

### PRINTING TECHNIQUES

Flexo, Offset

### SHADE

Highwhite

### SURFACE

Machine Finished

## MUNKEN KRAFT M1

Grammage (g/m <sup>2</sup> )	70	80	90	100	110	120	130	140	150
Thickness (µm)	91	100	112	125	138	150	163	175	195
Bulk (cm <sup>3</sup> /g)	1.30	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.30
Roughness (Bendtsen, ml/min)	250	250	250	250	250	250	250	250	350
Opacity (%)	81	85	88	90	91	92	93	94	96
Brightness (ISO 2470/D65, %)	101	101	101	101	101	101	101	101	101
Whiteness (CIE)	141	141	141	141	141	141	141	141	141
Cobb <sub>60</sub> (g/m <sup>2</sup> )	25	25	25	25	25	25	25	25	25
Moisture (%)	6	6	6	6	6	6	6	6	6
Tensile Strength MD (ISO 1924-2, kN/m)	6.7	7.5	8.4	9.0	9.5	10.2	10.4	10.5	10.7
Tensile Strength CD (ISO 1924-2, kN/m)	3.2	3.5	3.9	4.0	4.1	4.2	4.3	4.5	4.6
Tensile Index MD (Nm/g)	95	93	93	90	86	85	80	75	71
Tensile Index CD (Nm/g)	45	43	43	40	37	35	33	32	31
Tear Strength MD (ISO 1974, mN)	525	615	720	850	970	1100	1220	1330	1500
Tear Strength CD (ISO 1974, mN)	665	775	900	1000	1200	1380	1530	1680	1870
Tear Index MD (Nm <sup>2</sup> /kg)	7.5	7.7	8	8.5	8.8	9.2	9.4	9.5	10
Tear Index CD (Nm <sup>2</sup> /kg)	9.5	9.7	10	10	10.9	11.5	11.8	12	12.5
Burst Strength (ISO 2758, kPa)	275	305	330	370	385	395	415	430	445
Burst Index (kPam <sup>2</sup> /g)	3.9	3.8	3.7	3.7	3.5	3.3	3.2	3.1	3.0

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