



# ARCTIC PAPER

## MUNKEN KRAFT NATURAL WS from Arctic Paper Kostrzyn

Munken Kraft Natural WS is a wet strength, machine finished Bleached Kraft Paper with natural white shade, suitable for various applications in the production of bags, wrapping and packaging of foodstuffs and more. The paper is produced with a mixture of softwood and hardwood virgin fibre to give it high strength and good printability.

Munken Kraft Natural WS 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 and holds an ISEGA certificate of compliance for food contact.

### 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

White

### SURFACE

Machine Finished



The mark of  
responsible forestry



## MUNKEN KRAFT NATURAL WS

Grammage (g/m <sup>2</sup> )	38	40	45	50	55	60
Thickness (µm)	51.3	54.0	58.5	65.0	71.5	78.0
Bulk (cm <sup>3</sup> /g)	1.35	1.35	1.3	1.3	1.3	1.3
Roughness (Bendtsen, ml/min)	200	200	200	200	200	200
Opacity (%)	53	55	59	64	66	68
Brightness (ISO 2470/D65, %)	91	91	91	91	91	91
Whiteness (CIE)	95	95	95	95	95	95
Cobb <sub>60</sub> (g/m <sup>2</sup> )	25	25	25	25	25	25
Moisture (%)	6	6	6	6	6	6
Tensile Strength MD (kN/m) (ISO 1924-2, kN/m)	34.2	3.6	4.05	4.5	4.95	5.4
Tensile Strength CD (kN/m) (ISO 1924-2, kN/m)	1.52	1.6	1.8	2.0	2.2	2.4
Tensile Index MD (Nm/g)	90	90	90	90	90	90
Tensile Index CD (Nm/g)	40	40	40	40	40	40
Tear Strength MD (mN) (ISO 1974, mN)	285	300	337.5	375	412.5	450
Tear Strength CD (mN) (ISO 1974, mN)	304	320	360	400	440	480
Tear Index MD (Nm <sup>2</sup> /kg)	7.5	7.5	7.5	7.5	7.5	7.5
Tear Index CD (Nm <sup>2</sup> /kg)	8.0	8.0	8.0	8.0	8.0	8.0
Burst Strength (kPa)	144.4	152	171	190	209	228
Burst Index (kPam <sup>2</sup> /g)	3.8	3.8	3.8	3.8	3.8	3.8
Wet strength MD (%)	20	20	20	20	20	20
Wet strength CD (%)	20	20	20	20	20	20

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