

Niklakett Brilliant CB

by B & B

Brilliant, clear & pure

Niklakett Brilliant CB – the performer

White, high gloss label paper, very good ink retention in the washing solution, high strength, with functional coating on the reverse. High printing and labelling speed.

Its surface texture supports high-quality, clear, brilliant printing, even with complicated special finishes.

Niklakett Brilliant CB, the star performer for bottle belly and back labels, invites you to use all the available techniques of modern printing. The material is also used with success for wrap around labelling of plastic bottles.

Using this paper guarantees the marketer attention in the best circles. Product and message are conveyed clearly to the consumer, permitting unalloyed enjoyment.

The high gloss and smoothness of this material make the label stand out. A real star performer. The end result is always a perfect union of product and presentation.

Print Information

Very good results with all current printing methods, Quick-drying ink.

Varnishing

If using a UV varnish on conventional printing ink, it is advisable to use a primer.

Finishing

Suitable for foil and relief stamping.

Labelling

Suitable for all current adhesive systems. Fast labelling speed. Excellent glue consumption using the functional coating on the reverse. Good flatness characteristics. For one-way and returnable use. The handling guidelines from the glue producer have to be followed to achieve optimum labelling results.

Special features

Very good results with metallic inks in all methods of printing. Gloss remains stable even when moistured. According Dir.2005/20EG (94/62/EG) – content of heavy metals.

Service Information

Standard format stock for small quantities up to 3 tonnes
Format : 72 x 102 80 g/m²

B&B holds ISO 9001, ISO 14001, ISO 50001, HACCP, FSC® and PEFC certificates.



property	unit	method					tolerance
Substance	g/m ²	ISO 536		75	80	90	+/- 3%
Caliper	µm	ISO 534, single sheet measurement		61	65	71	+/- 5%
Brightness	%	ISO 2470, R457 D65	CS	91	91	91	+/- 2
Opacity dry	%	ISO 2471		86	88	89	+/- 2
Opacity wet	%	According ISO 2471 5 minutes soaking time		64	66	71	- 2
Gloss Lehmann	%	Tappi 480, 75°	CS	83	83	83	+/- 3
Smoothness Bekk	Bekk sec.	ISO 5627	CS RS	4000 475	4000 475	3200 475	guide number +/- 150
Roughness PPS	µm	ISO 8791-4, 1000 kPa	CS	0,55	0,55	0,55	+/- 0,20
Cobb 60''	g/m ²	ISO 535	CS RS	17 13	17 13	17 13	+/- 4 +/- 3
Tensile strength dry	N/15m m	ISO 1924-2	MD CD	60 40	60 42	65 42	- 10 - 7
Tensile strength wet	N/15m m	ISO 3781 10 minutes soaking time	MD CD	14 12	14 12	14 12	- 2 - 2
Resistance to penetration and come-off time in alkaline solution	Second s	DIN 16524-6	PT COT	60 100	60 100	60 100	max. max.
Resistance to alkaline solution	Minutes	DIN 16524-7		60	60	60	min.
Climatic Curl 30 % relative Humidity	cm	internal instruction QK/40		-1,50	-1,50	-1,50	guide number
Climatic Curl 50 % relative Humidity				0	0	0	guide number
Climatic Curl 80 % relative Humidity				1,50	1,50	1,50	guide number
absolute Humidity	%	online-measurement on Kalander		4,7	4,7	4,7	+/- 0,5
relative Humidity	%	Hygromer Rotronic		50	50	50	+/- 5 at 23°C

Key: CS - coated Side
RS - reverse Side
MD - Machine Direction

CD - Cross Direction
PT – penetration time
COT – come-off time

Testing conditions :
Standard climate EN 20187
23° Celsius, 50 % relative humidity