

Niklakett Premium

by B & B

Superior, majestic & sophisticated Niklakett Premium – the prince

High gloss label paper, high wet strength and alkali resistant. High wet opacity. High climate stability. Highest printing and labelling speed. Designed for use of metalure inks.

Probably one of the best label papers, Niklakett Premium pulls all the stops of printing technique, opening up new horizons.

It passes with ease through all modern printing processes. Offset printers can do their best work, as this prince among label papers shows its paces with multi-colour printing and using metal effect inks. Gravure printers too can produce sophisticated work.

Experts immediately recognize the strengths of this unique label material just from its look and feel. Its fine, high-gloss surface has a sensuous feel. Niklakett Premium is the prince among label papers when it comes to beverages within the premium segment.

It is your guarantee of an immaculate image, especially in wet conditions such as in the ice bucket or during labelling. Even under these extreme conditions it retains its sovereign

Print Information

Very good results with all common printing processes, especially in combination with metal effect inks. Ink dries quickly

Varnishing

Universally varnishable.

Finishing

Suitable for foil and relief stamping. Excellent stamping quality even for demanding shapes (neck labels).

Labelling

Suitable for all common gluing systems High labelling speed. Excellent glue consumption using functional coating on the reverse. Very good flatness characteristics. For one-way and returnable applications. The handling guidelines from the glue producer have to be followed to achieve optimum labelling results.

Special features

High gloss label paper for high-performance labelling. High wet opacity According guideline 94/62/EG.

Service Information

Possibility for production min. 2-3 x/month

property	unit	method			tolerance
Substance	g/m ²	ISO 536		75	+/- 3%
Caliper	µm	ISO 534, single sheet measur.		64	+/- 5%
Brighthness	%	ISO 2470, R457 D65	CS	91	+/- 2
Opacity dry	%	ISO 2471		88	+/- 2
Opacity wet	%	According ISO 2471 5 minutes soaking time		73	- 2
Gloss Lehmann	%	Tappi 480, 75°	CS	75	+/- 3
Smoothness Bekk	Bekk sec.	ISO 5627	CS RS	2500 475	guide number +/- 150
Roughness PPS	µm	ISO 8791-4, 1000 kPa	CS	0,80	+/- 0,20
Cobb 60"	g/m ²	ISO 535	CS RS	17 13	+/- 4 +/- 3
Tensile strength dry	N/15mm	ISO 1924-2	MD CD	65 42	- 10 - 7
Tensile strength wet	N/15mm	ISO 3781 10 minutes soaking time	MD CD	14 12	- 2 - 2
Resistance to penetration and come-off time in alkaline solution	Seconds	DIN 16524-6	PT COT	60 100	max. max.
Resistance to alkaline solution	Minutes	DIN 16524-7		60	min.
Climatic Curl 30 % relative Humidity	cm	internal instruction QK/40		-1,50	guide number
Climatic Curl 50 % relative Humidity				0	guide number
Climatic Curl 80 % relative Humidity				1,50	guide number
absolute Humidity	%	online-measurement on Kalander		4,7	+/- 0,5
relative Humidity	%	Hygromer Rotronic		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