

## Natural, economic & convenient NiklaPET – the invigorating one

White, gloss label paper, with high brightness and extremely good opacity. With gentle coordinated wet strength. Highest printing and labelling speed. Good climate stability.

Pure water and natural fruit drinks must also demonstrate their honesty in their packaging. A label made from natural, renewable fibre materials is the best way to satisfy this requirement.

NiklaPET is a label paper which as printed matter is eminently suitable for processing in all the common printing processes. It easily meets every labelling requirement, whether labelling from the reel, from a blank or in punching dies. Every opportunity to present a product is possible so that it matches the quality of the contents.

Nowadays, NiklaPET is appreciated and utilised by printing technicians throughout the world. Continuity of price and quality make business calculable and secure.

NiklaPET as a PET bottle label material can meet the bottler's technical requirements precisely as well as giving free creative rein to the label designer.

### Print Information

Very good results in offset and flexographic printing, good results with gravure printing. Ink dries quickly.

### Varnishing

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

### Finishing

Suitable for foil and relief stamping. Good stamping quality.

### Labelling

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

### Special features

In compliance with Reg. EC1935/2004, German recommendation XXXVI, Dir.2005/20/EC (94/62/EC) – content of heavy metals.

### Service Information

Standard format stock for small quantities up to 3 tonnes  
Format: 72 x 102 80 g/m<sup>2</sup>

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



property	unit	method						tolerance
Substance	g/m <sup>2</sup>	ISO 536		70	75	80	85	+/- 3%
Caliper	µm	ISO 534, single sheet measurement		58	62	67	72	+/- 5%
Brightness	%	ISO 2470, R457 D65	CS	92	92	92	92	+/- 2
Opacity dry	%	ISO 2471		83	85	87	89	+/- 2
Gloss Lehmann	%	Tappi 480, 75°	CS	55	55	55	55	+/- 5
Smoothness Bekk	Bekk sec.	ISO 5627	CS	1400	1400	1400	1200	guide number
			RS	400	400	400	400	+150 / -100
Cobb 60"	g/m <sup>2</sup>	ISO 535	CS	19	19	19	19	+/- 4
			RS	19	19	19	19	+/- 3
Tensile strength dry	N/15mm	ISO 1924-2	MD	56	60	65	65	- 10
			CD	36	39	42	42	- 7
Tensile strength wet	N/15mm	ISO 3781 10 minutes soaking time	MD	7	7	7	7	- 2
			CD	5	5	5	5	- 2
Climatic Curl 30 % relative Humidity	cm	internal instruction QK/40		-1,00	-1,00	-1,00	-1,00	guide number
Climatic Curl 50 % relative Humidity				0	0	0	0	guide number
Climatic Curl 80 % relative Humidity				1,00	1,00	1,00	1,00	guide number
relative Humidity	%	Hygromer Rotronic		50	50	50	50	+/-5 at 23°C

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

Testing conditions :  
Standard climate ISO 187  
23° Celsius, 50 % relative humidity