

## Recyclable, precious & biodegradable NiklaPET WEB - the natural one

Wood free label paper, coated on one side, for continuous printing and labelling. Very high whiteness and good opacity. Graded wet strength. Excellent recyclability.

Pure water and natural fruit drinks must demonstrate their honesty by their packaging. A label made from natural, renewable raw materials that is also biologically degradable in just a few weeks, is the best way to do this.

If you claim to have a valid product, you can give your brand a look that is consistent and coherent when you use NiklaPET WEB as your starting point. The material qualities of NiklaPET WEB assist your label design in subtle ways, by imparting such emotional values as a reputable promise of quality and exclusivity in the premium segment. These are the findings of a comprehensive market survey carried out directly with consumers, using comparable examples.

If you want to reduce your CO<sub>2</sub> emissions, you have to dispense with fossil-based materials and switch to organic substances, such as wood, straw or similar. Paper labels such as NiklaPET WEB are produced from renewable timber and more often than not, from forest thinning and sawmill offcuts. Our PEFC certification also guarantees that we only use wood that will be reforested. More and more consumers want this to happen and are taking it into consideration in their purchasing decisions. Not only that, but the fact that NiklaPET WEB is now available in 55 g/m<sup>2</sup>, considerably reduces the material input and allows the application of a natural label material that also accommodates environmentally aware consumers.

Once NiklaPET WEB has successfully completed its job of brand communication, then give it the opportunity to live again, by returning it to your collecting bin for recycling. Perhaps, the same material will once again grace your bottle.

### Print information

Best results in flexo, gravure and roll-fed offset lithography.

### Varnishing

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

### Finishing

### Labelling

Specifically designed for reel-fed labelling. Suitable for all hot-melt gluing systems. High labelling speed. Optimum glue consumption thanks to functional coating on the reverse. For one-way applications only. To achieve optimum labelling results, comply with the processing guidelines provided by the glue manufacturer.

### Special features

In compliance with Reg. EC1935/2004, German recommendation XXXVI, Dir.2005/20/EC (94/62/EC)-content of heavy metals, EN13432-composting and biodegradation.

### Service Information

Production facility at least once a month.

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		55	65	+/- 3%
Caliper	µm	ISO 534, single sheet-measurement		42	53	+/- 5%
Brighthness	%	ISO 2470, R457 D65	CS	92	92	+/- 2
Opacity dry	%	ISO 2471		77	82	+/- 2
Gloss Lehmann	%	Tappi 480, 75°	CS	60	60	+/- 5
Smoothness Bekk	Bekk sec.	ISO 5627	CS	1400	1400	guide number +150 / -100
			RS	600	600	
Cobb 60"	g/m <sup>2</sup>	ISO 535	CS	15	15	+/- 4
			RS	11	11	+/- 3
Tensile strength dry	N/15mm	ISO 1924-2	MD	50	60	- 10
			CD	27	30	- 7
Tensile strength wet	N/15mm	ISO 3781 10 minutes soaking time	MD	7	7	- 2
			CD	5	5	- 2
relative Humidity	%	Hygrometer Rotronic		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