

Heatset

PERLENJOY 70 

## Uncoated high-gloss speciality paper

PERLENJOY is produced using high-quality thinning wood (TMP) and recycled paper (household collection).

We recommend PERLENJOY 70 for the following printing processes: Heatset and LED-UV.

### Technical Parameters

	Method	Dimension	Target Value			
<b>Substance</b>	ISO 536	g/m <sup>2</sup>	<b>42.5*</b>	<b>45</b>	<b>48.8</b>	<b>52</b>
<b>Brightness</b>	ISO 2470/2471	%	68	68	68	68
<b>Opacity</b>	ISO 2470/2471	%	92	93	94	95
<b>Bulk**</b>	ISO 534	cm <sup>3</sup> /g	1.25	1.12–1.22	1.12–1.22	1.12–1.22
<b>Smoothness</b>	ISO 8791/PPS 2.0	µm	2.0	1.8	1.8	1.8
<b>Colour Value a</b>	ISO 2470/2471 (D65/10°)	—	0.0	0.0	0.0	0.0
<b>Colour Value b</b>	ISO 2470/2471 (D65/10°)	—	0.3	0.3	0.3	0.3

\* Upon request

\*\* Value is subject to fluctuations in production

Finishing	Reel dimensions	Tolerances	
<b>Reel width</b>	35 cm to 300 cm	-2 mm to +2 mm	Please contact our sales team for reel widths <60 cm
<b>Reel diameter</b>	100 cm to 125 cm	-5 cm to +1 cm	
<b>Core diameter</b>	76 mm or 150 mm		

#### Carbon footprint (2025)

107 kg C O<sub>2</sub> eq./ton of paper (Toe3 to 7upstream, determined by EBP according to CEPI TenToes guidelines)

#### PE content in the packaging

346 g of PE per ton of delivered paper

#### Prepress

Characterization Data  
FOGRA 48L

ICC Profile  
PSO\_INP\_Paper\_eci.icc

Perlen Papier AG reserves the right to adjust the target values according to research and market developments. Technical tolerances are in line with industry standards. A preliminary print test is advisable due to the constant changes and developments in printing materials.

All qualities are available with the following environmental labels on request:

