

Heatset | Digital

PERLENTOP satin 

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

We recommend PERLENTOP satin for the following printing processes: Heatset, Digital and LED-UV. For digital printing, we specifically recommend the grammages of 60 and 80 g/m².

Technical Parameters

	Method	Dimension	Target Value							
Substance	ISO 536	g/m ²	51	54	57	60	65	70	80	90
Brightness	ISO 2470/2471	%	76	78	79	82	82	82	82	82
Opacity	ISO 2470/2471	%	92	93	93	94	95	96	97	99
Gloss	Tappi 75° T480 I ISO 8254-1	%	22	22	22	22	22	22	22	22
Bulk*	ISO 534	cm ³ /g	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1,09
Colour Value a	ISO 2470/2471 (D65/10°)	—	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1,0
Colour Value b	ISO 2470/2471 (D65/10°)	—	-1.5	-3.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4,9

* Value is subject to fluctuations in production

Finishing	Reel dimensions	Tolerances	
Reel width	35 cm to 220 cm	-2 mm to +2 mm	Other reel widths available on request
Reel diameter	120 cm	-5 cm to +1 cm	
Core diameter	76 mm		

Carbon footprint (2025)

234 kg CO₂ 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 45L

ICC Profile
PSO_LWC_Improved_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:

