

Heatset | Digital

PERLENVALUE 

## Coated offset paper

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

We recommend PERLENVALUE for the following printing processes: Heatset, Digital and LED-UV. For digital printing, we specifically recommend the grammages of 51, 60 and 80 g/m<sup>2</sup>.

### Technical Parameters

	Method	Dimension	Target Value						
<b>Substance</b>	ISO 536	g/m <sup>2</sup>	<b>51</b>	<b>54</b>	<b>57</b>	<b>60</b>	<b>65*</b>	<b>70</b>	<b>80</b>
Brightness	ISO 2470/2471	%	78	78	79	82	82	82	82
Opacity	ISO 2470/2471	%	93	94	94	95	96	97	98
Gloss	Tappi 75° T480 I ISO 8254-1	%	13	13	13	13	13	13	13
Bulk**	ISO 534	cm <sup>3</sup> /g	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Colour Value a	ISO 2470/2471 (D65/10°)	—	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Colour Value b	ISO 2470/2471 (D65/10°)	—	-2.5	-3.4	-3.9	-3.9	-3.9	-3.9	-3.9

\* Upon request

\*\* Value is subject to fluctuations in production

Finishing	Reel dimensions	Tolerances
Reel width	35 cm to 220 cm	-2 mm to + 2 mm
Reel diameter	125 cm	-5 cm to + 1 cm
Core diameter	76 mm	

#### Carbon footprint (2025)

234 kg CO<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 41L

ICC Profile  
PSO\_MFC\_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:

