

Heatset | Digital

PERLENNOBLE silk⁺

High brightness and bulk for premium print products

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

The matt-coated PERLENNOBLE silk offers the ideal balance of high brightness, readability, haptics and print contrast for your magazines, advertising materials, and print products. Its high bulk ensures significant cost advantages.

We recommend PERLENNOBLE silk for the following printing processes: Heatset, Digital, and LED-UV.

Technical Parameters

	Method	Dimension	Target Value			
Substance	ISO 536	g/m ²	60	65*	70	80
Brightness	ISO 2470/2471	%	85	85	85	85
CIE-Whiteness	ISO 11475	—	100	100	100	100
Opacity	ISO 2470/2471	%	96	96	97	98
Gloss	Tappi 75° T480 I ISO 8254-1	%	30	30	30	30
Bulk**	ISO 534	cm ³ /g	1,15	1,15	1,15	1,15
Smoothness	ISO 8791/PPS 2.0	µm	2,1	2,2	2,3	2,3
Colour Value a	ISO 2470/2471	—	0,6	0,6	0,6	0,6
Colour Value b	ISO 2470/2471	—	-4,5	-4,5	-4,5	-4,5

* 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 (2024)
222 kg CO₂ eq./ton of paper (Toe3 to 7upstream)

PE content in the packaging
346 g of PE per ton of delivered paper

Prepress

Characterisation data FOGRA 45L	ICC Profile PSO_LWC_Improved_eci.icc
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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:



FSC
www.fsc.org
FSC® C030469
The mark of responsible forestry



PEFC
PEFC/15-31-0057



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