

UPM ULTRA H

Developed especially for modern, demanding print jobs, UPM Ultra brings out even the gentlest of color tones magnificently. The versatile paper is your reliable and economical choice for magazines, catalogs, advertising material and flyers.

UPM ULTRA H:

Category	Heatset web offset papers
Grade	Lightweight coated (LWC)
End use	Advertising material Brochures Catalogues Direct mailing Magazines
Finish	Gloss
Furnish	Fillers Recycled fibre Chemical pulp Mechanical pulp
Printing method	Heatset web offset
Format/Size	Reels
Reel Diameter (cm)	100 / 120 / 125
Reel Width (cm)	35,0 - 380,0
Core (mm)	76,0 / 150,0
Wrapping	Strong moisture proof polyethylene laminated kraft paper
Certificates and labels	EES+ ISO 50001 EU Ecolabel FSC Chain-of-Custody PEFC Chain-of-Custody EMAS ISO 9001 OHSAS 18001 ISO 14001
Note	PEFC™ and FSC® on request but subject to availability.

TECHNICAL TARGET VALUES:

Basis Weight (ISO 536) (g/m²)	54.0	57.0	60.0	65.0	70.0	75.0	80.0
Bulk (ISO 534) (cm³/g)	0.90	0.90	0.90	0.90	0.80	0.80	0.80
Brightness D65 (ISO 2470-2) (%)	80.0	81.0	82.0	85.0	86.0	86.0	87.0
CIE Whiteness (ISO 11475:2017) (%)	90.0	90.0	90.0	100.0	105.0	105.0	105.0
L-value D65 (D65/10°) (ISO 5631-2)	91.0	91.0	91.0	92.0	93.0	93.0	93.0
a-value D65 (D65/10°) (ISO 5631-2)	0.3	0.4	0.5	0.5	0.5	0.5	0.5
b-value D65 (D65/10°) (ISO 5631-2)	-2.5	-3.2	-3.2	-3.8	-5.0	-5.0	-5.0
Opacity ISO (2471) (%)	89.0	90.0	91.0	92.0	93.0	94.0	94.0
Gloss Hunter (ISO 8254-1) (%)	50.0	52.0	54.0	56.0	58.0	58.0	58.0
Smoothness PPS 10 (ISO 8791-4) (µm)	1.3	1.2	1.2	1.1	1.1	1.1	1.1

Please note: Technical values are informative and subject to production variations.

PREPRESS GUIDELINES:

CIE L*-value (D50/2°) WB	92.9
CIE a*-value (D50/2°) WB	1.0
CIE b*-value (D50/2°) WB	-1.4
Max. Total Area (TAC%)	300
ICC Paper profile	PSO_LWC_Improved.eci.icc
TVI Curve	B(CMY), C(K)
AM Screen recommendation (l/cm)	60
FM Screen recommendation (µm)	25
Measurement condition for D50	ISO 13655, M0; D50/2°
Measurement equipment	Techkon RS800