

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 Books 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)	100,0 - 125,0
Reel Width (cm)	36,0 - 432,0
Core (mm)	76,0 / 150,0
Wrapping	Strong kraft paper Strong moisture proof polyethylene laminated kraft paper
Certificates and labels	BfR Food Certificate EMAS EU Ecolabel FSC Chain-of-Custody ISO 14001 ISO 50001 ISO 9001 OHSAS 18001 PEFC Chain-of-Custody
Note	Recycled fibre from Augsburg. PEFC™ and FSC® on request but subject to availability. Energy Management system ISO 50001 in place at Plattling Mill/Augsburg Mill. Food certificate at Plattling Mill.

TECHNICAL TARGET VALUES:

Basis Weight (ISO 536) (g/m²)	51.0	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	0.90	0.80	0.80	0.80
Brightness D65 (ISO 2470-2) (%)	79.0	80.0	81.0	82.0	85.0	86.0	86.0	87.0
CIE Whiteness (%)	88.0	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	91.0	92.0	93.0	93.0	93.0
a-value D65 (D65/10°) (ISO 5631-2)	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5
b-value D65 (D65/10°) (ISO 5631-2)	-2.5	-2.5	-3.2	-3.2	-3.8	-5.0	-5.0	-5.0
Opacity ISO (2471) (%)	88.0	89.0	90.0	91.0	92.0	93.0	94.0	94.0
Gloss Hunter (ISO 8254-1) (%)	48.0	50.0	52.0	54.0	56.0	58.0	58.0	58.0
Smoothness PPS 10 (ISO 8791-4) (µm)	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1

90 g/m² available on request

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