

UPM ULTRA MATT 1.3 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 MATT 1.3 H:

Category	Heatset web offset papers
Grade	Lightweight coated (LWC)
End use	Advertising material Books Brochures Catalogues Comic books Direct mailing Magazines
Finish	Matt
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)	35,0 - 380,0
Core (mm)	76,0 / 150,0
Wrapping	Strong moisture proof polyethylene laminated kraft paper
Certificates and labels	EMAS EU Ecolabel FSC Chain-of-Custody ISO 14001 ISO 50001 ISO 9001 OHSAS 18001 PEFC Chain-of-Custody
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
Bulk (ISO 534) (cm³/g)	1.30	1.30	1.30	1.30	1.30
Brightness D65 (ISO 2470-2) (%)	85.0	85.0	86.0	86.0	86.0
CIE Whiteness (%)	100.0	100.0	105.0	105.0	105.0
L-value D65 (D65/10°) (ISO 5631-2)	90.0	90.0	90.0	90.0	90.0
a-value D65 (D65/10°) (ISO 5631-2)	1.0	1.0	1.0	1.0	1.0
b-value D65 (D65/10°) (ISO 5631-2)	-5.0	-5.0	-5.0	-5.0	-5.0
Opacity ISO (2471) (%)	93.0	94.0	95.0	95.5	96.0
Smoothness PPS 10 (ISO 8791-4) (µm)	5.0	5.0	5.0	5.0	5.0

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