



UPM ECO H

If your goal is to reach large audiences, technically reliable UPM Eco is a true mass media paper for you. Its pleasant bulkiness enables the use of lower basis weights which, in turn, generates significant savings.

UPM ECO H :

Category:	Heatset web offset papers
Grade:	On-line calendered (SC-B)
End use:	Advertising material, Catalogues, Direct advertising, Magazines, Newspaper inserts, TV and radio guides
Finish:	Gloss
Furnish:	Fillers, Mechanical pulp, Recycled fibre
Printing Method:	Heatset web offset
Format/Size:	Reels
Reel Diameter (cm) :	100.0 - 125.0
Reel Width (cm) :	30.0 - 432.0
Core (mm):	76.0 / 150.0
Wrapping:	Strong kraft paper, Strong moisture proof polyethylene laminated kraft paper
Certificates and Labels:	Blue Angel RAL-UZ 14, Blue Angel RAL-UZ 72, 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. Energy Management system ISO 50001 in place at Ettringen Mill/Schongau Mill.

TECHNICAL TARGET VALUES

Basis Weight (ISO 536) (g/m²)	40.0	42.5	45.0	49.0	52.0	56.0	60.0
Bulk (ISO 534) (cm³/g)	1.00	1.00	1.00	1.00	0.95	0.95	0.90
Brightness D65 (ISO 2470-2) (%)	66.0	66.0	67.0	67.0	67.0	67.0	67.0
L-value D65 (D65/10°) (ISO 5631-2)	88.2	87.0	87.0	87.0	87.0	87.0	87.0
a-value D65 (D65/10°) (ISO 5631-2)	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.8
b-value D65 (D65/10°) (ISO 5631-2)	3.8	3.8	3.8	3.8	3.8	3.8	4.3
Opacity ISO (2471) (%)	88.0	89.0	91.0	92.0	93.0	94.0	95.0
Gloss Hunter (ISO 8254-1) (%)	35.0	35.0	36.0	36.0	36.0	37.0	40.0
Smoothness PPS 10 (ISO 8791-4) (µm)	1.7	1.7	1.4 - 1.7	1.4 - 1.5	1.4	1.4	1.4

40, 42,5 and 60 g/m² available upon request

PREPRESS GUIDELINES

CIE L*-value (D50/2°) WB	88.7
CIE a*-value (D50/2°) WB	-0.2
CIE b*-value (D50/2°) WB	4.4
Max. Total Area (TAC%)	270
ICC Paper profile	SC_paper_eci.icc
Characterisation data	FOGRA40L.txt
AM Screen recommendation (l/cm)	48
FM Screen recommendation (µm)	35
Measurement condition for D50	ISO 13655, M0; D50/2°
Measurement equipment	Techkon RS800