



UPM STAR H

Want stellar quality for your print job? Then UPM Star is your choice for luxurious magazines and catalogs as well as marketing materials. Its gloss and mirror-like smoothness enhances image details and depth.

UPM STAR H :

Category:	Heatset web offset papers
Grade:	Medium weight coated (MWC)
End use:	Advertising material, Books, Brochures, Catalogues, Direct mailing, High-quality magazines, Magazines
Finish:	Gloss
Furnish:	Chemical pulp, Coating colour, 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:	PEFC™ and FSC® on request but subject to availability Energy Management system ISO 50001 in place at Plattling Mill. Food certificate at Plattling Mill.

TECHNICAL TARGET VALUES

Basis Weight (ISO 536) (g/m²)	60.0	65.0	70.0	75.0	80.0	90.0	100.0
Bulk (ISO 534) (cm³/g)	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Brightness D65 (ISO 2470-2) (%)	89.0	91.0	93.0	94.0	95.0	96.0	96.0
CIE Whiteness (%)	106.0	110.0	115.0	117.0	120.0	122.0	122.0
L-value D65 (D65/10°) (ISO 5631-2)	93.0	93.0	93.0	94.0	94.0	94.0	94.0
a-value D65 (D65/10°) (ISO 5631-2)	0.9	1.0	1.2	1.2	1.2	1.4	1.4
b-value D65 (D65/10°) (ISO 5631-2)	-6.0	-6.0	-7.0	-7.5	-7.5	-8.0	-8.0
Opacity ISO (2471) (%)	90.0	92.0	93.0	94.0	95.0	96.0	96.0
Gloss Hunter (ISO 8254-1) (%)	62.0	65.0	65.0	68.0	70.0	70.0	70.0
Smoothness PPS 10 (ISO 8791-4) (µm)	1.0	1.0	1.0	1.0	0.9	0.9	0.9

PREPRESS GUIDELINES

CIE L*-value (D50/2°) WB	93.8
CIE a*-value (D50/2°) WB	1.3
CIE b*-value (D50/2°) WB	-2.7
Max. Total Area (TAC%)	300
ICC Paper profile	ISOcoated_v2_300_eci.icc
Characterisation data	FOGRA39L.txt
TVI Curve	A(CMY), B(K)
AM Screen recommendation (l/cm)	60 - 70
ISO/ECI Profile (FM)	PSO_Coated_300_NPscreen_ISO12647_eci.icc
FOGRA Char. Data (FM)	FOGRA43L.txt
TVI Curve (FM)	F(CMYK)
FM Screen recommendation (µm)	25
Measurement condition for D50	ISO 13655, M0; D50/2°
Measurement equipment	Techkon RS800