

UPM FINE SC

The name says it all. UPM Fine. It provides high brightness, optimal opacity and outstanding suitability for processing. UPM Fine is a flexible multi-use paper. It's ideal grade for flyers, business reports, magazines and posters.

UPM FINE SC:

Category	Sheet fed offset papers
Grade	Woodfree uncoated (WFU)
End use	Advertising material Books Business forms Direct mailing Magazines Newspaper supplements Posters
Finish	Supercalendered
Furnish	Hardwood and softwood sulphate pulp
Printing method	Sheet fed offset
Format/Size	Sheets
Wrapping	Strong kraft paper Strong moisture proof polyethylene laminated kraft paper
Certificates and labels	94/62 EC Heavy Metal Certificate BfR Food Certificate EMAS EN 71/3:1988 D Safety of Toys EU Ecolabel FSC Chain-of-Custody ISO 14001 ISO 50001 ISO 9001 OHSAS 18001 PEFC Chain-of-Custody Permanent Paper ISO 9706
Note	FSC® and PEFC™ on request but subject to availability. We have changed into another measurement system, which causes changes in the technical target values. The change does not have any effect on product quality.

TECHNICAL TARGET VALUES:

Basis Weight (ISO 536) (g/m²)	70.0	80.0	90.0	100.0	110.0	120.0	150.0	170.0	190.0	250.0
Thickness (ISO 534) (µm)	68.0	75.0	81.0	90.0	98.0	106.0	133.0	152.0	165.0	222.0
Bulk (ISO 534) (cm³/g)	0.97	0.94	0.90	0.90	0.89	0.88	0.89	0.89	0.87	0.89
Brightness D65 (ISO 2470-2) (%)	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0
CIE Whiteness (%)	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
Opacity ISO (2471) (%)	88.0	92.0	93.0	95.0	96.0	97.0	98.0	98.5	99.0	99.5
Smoothness PPS 10 (ISO 8791-4) (µm)	2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.0	3.5	3.5
Roughness Bendtsen (ISO 8791-2) (ml/min)	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0

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

PREPRESS GUIDELINES:

CIE L*-value (D50/2°) WB	93.7
CIE a*-value (D50/2°) WB	2.8
CIE b*-value (D50/2°) WB	-7.3
Max. Total Area (TAC%)	300
ICC Paper profile	PSO_Uncoated_ISO12647_eci.icc
TVI Curve	C(CMY), D(K)
AM Screen recommendation (l/cm)	60
ISO/ECI Profile (FM)	PSO_Uncoated_NPscreen_ISO12647_eci.icc
FOGRA Char. Data (FM)	FOGRA44L.txt
TVI Curve (FM)	F(CMYK)
FM Screen recommendation (µm)	30
Measurement condition for D50	ISO 13655, M0; D50/2°
Measurement equipment	Techkon RS800