



UPM FINESSE PREMIUM SILK

Consistently high quality, realistic printing results and vibrant images. Use UPM Finesse when you want to impress your readers. Main end-uses for UPM Finesse are magazines, prestigious catalogs and advertising materials.

UPM FINESSE PREMIUM SILK:

Category:	Sheet fed offset papers
Grade:	Woodfree coated (WFC)
End use:	Advertising material, Annual reports, Books, Brochures, Direct mailing, Magazine covers, Magazines, Newspaper supplements
Finish:	Premium silk
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. Energy Management System ISO 50001 in place at Nordland Mill. 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.

PRODUCTION UNIT

Name	Nordland	Kymi
Basis Weight Range (g/m2)	90.0 - 350.0	80.0 - 150.0

TECHNICAL TARGET VALUES

Basis Weight (ISO 536) (g/m²)	80.0	90.0	100.0	115.0	130.0	135.0	150.0	170.0	200.0	250.0	300.0	350.0
Thickness (ISO 534) (µm)	69.0	77.0	83.0	98.0	111.0	118.0	130.0	158.0	185.0	232.0	288.0	345.0
Bulk (ISO 534) (cm³/g)	0.86	0.86	0.85	0.84	0.85	0.87	0.87	0.93	0.93	0.93	0.96	0.99
Brightness D65 (ISO 2470-2) (%)	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
CIE Whiteness (%)	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
L-value D65 (D65/10°) (ISO 5631-2)	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
a-value D65 (D65/10°) (ISO 5631-2)	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
b-value D65 (D65/10°) (ISO 5631-2)	-8.1	-8.1	-8.1	-8.1	-8.1	-8.1	-8.1	-8.1	-8.1	-8.1	-8.1	-8.1
Opacity ISO (2471) (%)	93.0	91.5	93.0	95.0	96.0	96.0	97.5	98.0	99.0	99.5	99.8	99.9
Gloss Hunter (ISO 8254-1) (%)	40.0	40.0	40.0	40.0	45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0
Gloss Lehmann (ISO 8254-2) (%)		45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Smoothness PPS 10 (ISO 8791-4) (µm)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2

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TECHNICAL TARGET VALUES FOR KYMI

Basis Weight (ISO 536) (g/m²)	80.0	90.0	100.0	115.0	130.0	150.0
Thickness (ISO 534) (µm)	70.0	76.0	85.0	97.0	110.0	135.0
Bulk (ISO 534) (cm³/g)	0.88	0.84	0.85	0.86	0.87	0.88
Brightness D65 (ISO 2470-2) (%)	99.0	99.0	99.0	99.0	99.0	99.0
CIE Whiteness (%)	125.0	128.0	128.0	128.0	128.0	128.0
L-value D65 (D65/10°) (ISO 5631-2)		94.5	94.5	94.5	94.5	94.5
a-value D65 (D65/10°) (ISO 5631-2)		5.0	5.0	5.0	5.0	5.0
b-value D65 (D65/10°) (ISO 5631-2)		-9.4	-9.4	-9.4	-9.4	-9.4
Opacity ISO (2471) (%)	93.0	91.5	93.0	95.0	96.0	97.5
Gloss Hunter (ISO 8254-1) (%)	40.0	45.0	45.0	45.0	47.0	47.0
Gloss Lehmann (ISO 8254-2) (%)		43.0	43.0	43.0	45.0	45.0
Smoothness PPS 10 (ISO 8791-4) (µm)		2.0	2.0	2.0	2.0	2.0

PREPRESS GUIDELINES

CIE L*-value (D50/2°) WB	96.4
CIE a*-value (D50/2°) WB	1.4
CIE b*-value (D50/2°) WB	-3.2
Max. Total Area (TAC%)	330
ICC Paper profile	ISOcoated_v2_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_NPscreen_ISO12647_eci.icc
FOGRA Char. Data (FM)	FOGRA43L.txt
TVI Curve (FM)	F(CMYK)
FM Screen recommendation (µm)	20
Measurement condition for D50	ISO 13655, M0; D50/2°
Measurement equipment	Techkon RS800