

# 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:

<b>Category</b>	Sheet fed offset papers
<b>Grade</b>	Woodfree coated (WFC)
<b>End use</b>	Advertising material   Annual reports   Books   Brochures   Direct mailing   Magazine covers   Magazines   Newspaper supplements
<b>Finish</b>	Premium silk
<b>Furnish</b>	Hardwood and softwood sulphate pulp
<b>Printing method</b>	Sheet fed offset
<b>Format/Size</b>	Sheets
<b>Wrapping</b>	Strong kraft paper   Strong moisture proof polyethylene laminated kraft paper
<b>Certificates and labels</b>	EES+   ISO 50001   EU Ecolabel   FSC Chain-of-Custody   EN 71/3:1988 D Safety of Toys   94/62 EC Heavy Metal Certificate   BfR Food Certificate   PEFC Chain-of-Custody   Permanent Paper ISO 9706   EMAS   ISO 9001   OHSAS 18001   ISO 14001
<b>Note</b>	FSC® and PEFC™ on request but subject to availability. Energy Management System ISO 50001 in place at Nordland mill and EES+ at Kymi mill.

TECHNICAL TARGET VALUES:

<b>Basis Weight (ISO 536) (g/m<sup>2</sup>)</b>	80.0	90.0	100.0	115.0	130.0	135.0	150.0	170.0	200.0	250.0	300.0	350.0
<b>Thickness (ISO 534) (µm)</b>	69.0	76.0	83.0	98.0	111.0	118.0	134.0	158.0	186.0	232.0	290.0	350.0
<b>Bulk (ISO 534) (cm<sup>3</sup>/g)</b>	0.86	0.84	0.83	0.85	0.85	0.87	0.89	0.93	0.93	0.93	0.97	1.00
<b>Brightness D65 (ISO 2470-2) (%)</b>	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
<b>CIE Whiteness (ISO 11475:2017) (%)</b>	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
<b>Opacity ISO (2471) (%)</b>	92.5	91.0	92.5	94.5	95.5	96.0	97.5	98.0	99.0	99.5	99.8	99.9
<b>Gloss Hunter (ISO 8254-1) (%)</b>	40.0	40.0	40.0	40.0	45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0
<b>Gloss Lehmann (ISO 8254-2) (%)</b>		45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
<b>Smoothness PPS 10 (ISO 8791-4) (µm)</b>	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

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

PREPRESS GUIDELINES:

<b>CIE L*-value (D50/2°) WB</b>	96.4
<b>CIE a*-value (D50/2°) WB</b>	1.4
<b>CIE b*-value (D50/2°) WB</b>	-3.2
<b>Max. Total Area (TAC%)</b>	330
<b>ICC Paper profile</b>	ISOcoated_v2_eci.icc
<b>TVI Curve</b>	A(CMY), B(K)
<b>AM Screen recommendation (l/cm)</b>	60 - 70
<b>ISO/ECI Profile (FM)</b>	PSO_Coated_NPscreen_ISO12647_eci.icc
<b>FOGRA Char. Data (FM)</b>	FOGRA43L.txt
<b>TVI Curve (FM)</b>	F(CMYK)
<b>FM Screen recommendation (µm)</b>	20
<b>Measurement condition for D50</b>	ISO 13655, M0; D50/2°
<b>Measurement equipment</b>	Techkon RS800