



## UPM FINESSE 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 SILK:

<b>Category:</b>	Sheet fed offset papers
<b>Grade:</b>	Woodfree coated (WFC)
<b>End use:</b>	Advertising material, Annual reports, Books, Brochures, Catalogues, Direct mailing, Magazine covers, Magazines, Newspaper supplements
<b>Finish:</b>	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>	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
<b>Note:</b>	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.

## 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	220.0	250.0	270.0	300.0	350.0
<b>Thickness (ISO 534) (µm)</b>	68.0	78.0	83.0	97.0	111.0	117.0	131.0	156.0	185.0	232.0	231.0	275.0	286.0	345.0
<b>Bulk (ISO 534) (cm<sup>3</sup>/g)</b>	0.85	0.85	0.85	0.85	0.85	0.87	0.87	0.94	0.94	1.05	0.94	1.02	0.98	0.99
<b>Brightness D65 (ISO 2470-2) (%)</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>CIE Whiteness (%)</b>	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0
<b>Opacity ISO (2471) (%)</b>	92.5	91.5	92.5	95.0	96.0	96.5	97.5	98.0	99.0	99.0	99.5	99.6	99.8	99.9
<b>Gloss Hunter (ISO 8254-1) (%)</b>	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
<b>Gloss Lehmann (ISO 8254-2) (%)</b>	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
<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	2.2	2.0	2.2	2.0	2.0

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

 PREPRESS GUIDELINES

<b>CIE L*-value (D50/2°) WB</b>	96.0
<b>CIE a*-value (D50/2°) WB</b>	1.6
<b>CIE b*-value (D50/2°) WB</b>	-3.3
<b>Max. Total Area (TAC%)</b>	330
<b>ICC Paper profile</b>	ISOcoated_v2_eci.icc
<b>Characterisation data</b>	FOGRA39L.txt
<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