

## 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>	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   ISO 45001   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	220.0	250.0	270.0	300.0	350.0	400.0
<b>Thickness (ISO 534) (µm)</b>	68.0	76.0	83.0	97.0	110.0	117.0	131.0	157.0	185.0	232.0	232.0	275.0	290.0	350.0	404.0
<b>Bulk (ISO 534) (cm<sup>3</sup>/g)</b>	0.85	0.84	0.83	0.84	0.85	0.87	0.87	0.92	0.93	1.05	0.93	1.02	0.97	1.00	1.02
<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	100.0
<b>CIE Whiteness (ISO 11475:2017)</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	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	99.9
<b>Gloss Hunter (ISO 8254-1) (%)</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	24.0
<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	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	2.5

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

## PREPRESS GUIDELINES:

<b>Characterisation data</b>	Fogra 39, Fogra 51
<b>FOGRA Char. Data (FM)</b>	Fogra 43 FM