

## UPM FINESSE GLOSS

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 GLOSS:

<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>	Gloss
<b>Furnish</b>	Hardwood and softwood sulphate pulp   Northern softwood kraft 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>	59.0	67.0	72.0	85.0	96.0	100.0	111.0	128.0	148.0	185.0	184.0	230.0	225.0	272.0
<b>Bulk (ISO 534) (cm<sup>3</sup>/g)</b>	0.74	0.74	0.72	0.74	0.74	0.74	0.74	0.75	0.74	0.84	0.74	0.85	0.75	0.78
<b>Brightness D65 (ISO 2470-2) (%)</b>	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
<b>CIE Whiteness (%)</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	125.0	125.0
<b>Opacity ISO (2471) (%)</b>	90.0	91.0	92.0	94.5	95.0	95.5	97.0	97.5	98.5	99.0	99.5	99.5	99.6	99.8
<b>Gloss Hunter (ISO 8254-1) (%)</b>	65.0	70.0	70.0	70.0	70.0	70.0	70.0	72.0	72.0	70.0	72.0	70.0	72.0	72.0
<b>Gloss Lehmann (ISO 8254-2) (%)</b>	68.0	70.0	72.0	72.0	72.0	72.0	72.0	75.0	75.0	70.0	75.0	70.0	75.0	75.0
<b>Smoothness PPS 10 (ISO 8791-4) (µm)</b>	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

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.

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

PREPRESS GUIDELINES:

<b>CIE L*-value (D50/2°) WB</b>	96.3
<b>CIE a*-value (D50/2°) WB</b>	1.4
<b>CIE b*-value (D50/2°) WB</b>	-3.5
<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>	70 - 80
<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, MO; D50/2°
<b>Measurement equipment</b>	Techkon RS800