

LumiSilk

by Stora Enso



LumiSilk is a woodfree, coated silk matt art printing paper for extremely demanding image and text printing. The paper is produced from pulp to paper at one integrated mill to ensure the high quality.

LumiSilk has

- exceptional print quality and gloss contrast
- excellent folding properties and rub resistance
- superb runnability in press and finishing

TYPICAL END USES

Art books
Brochures
Catalogues
Luxury magazines and covers
Posters
Folders
Cards and inserts

FINISH

Silk touch and feel

PRINTING METHODS

Sheet fed offset
Other printing processes are suitable for e.g. screen process, flexo and digital printing.

Precreasing is recommended when folding grammages of 170 g/m² and higher.

COLOUR PROFILE

L* a* b* target values	L*	a*	b*	Fluorescence (ISO 12647-2)
ISO 5631-3 (D50/2°)	94	0.9	-4.3	Moderate
ISO 12647-2 (FOGRA 51)	96	1.4	-6.1	Moderate

TECHNICAL SPECIFICATIONS (target values)

Substance		g/m ²	90	100	115	130	135	150	170	200	250	300
Brightness	ISO 2470-2 (D65/10°)	%	99	99	99	99	99	99	99	99	99	99
CIE Whiteness	ISO 11475 (D65/10°)	%	122	122	122	122	122	122	122	122	122	122
Opacity	ISO 2471 (D65/10°)	%	91.0	93.0	94.5	95.5	96.0	97.5	99.0	99.0	99.0	99.0
Gloss TAPPI 75	ISO 8254-1	%	30	30	30	30	30	30	30	30	30	30
Bulk	ISO 534	cm ³ /g	0.87	0.87	0.81	0.85	0.84	0.85	0.85	0.88	0.90	0.93
Smoothness	ISO 8791-4 PPS (1MPa)	µm	2.0	2.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5
Caliper		µm	78	87	93	111	113	128	145	176	225	279

PRODUCT CERTIFICATES

The EU Ecolabel FI/011/007
FSC® CoC, license code FSC® C015932
PEFC™ CoC, licence code PEFC/02-31-86
EN71/3 2003 Safety of toys
Migration of certain elements
94/62 EC Heavy metal confirmation

MILL CERTIFICATES

The EU Ecolabel FI/011/007
ISO 9001
ISO 14001
OHSAS 18001
FSC® CoC, license code FSC® C015932
PEFC™ CoC, licence code PEFC/02-31-86

STORAGE AND HANDLING

- Store the paper in a humidity and temperature controlled area at 50% relative humidity and room temperature between 19°C and 23°C.
- If the paper is stored in non-air conditioned warehouse, it is absolutely necessary to allow a stabilisation period in the print room.
- Open the protective wrapping at the moment of use.