

# LumiForte

by Stora Enso



LumiForte is a woodfree, coated paper with a matt surface. The paper is produced from pulp to paper at one integrated mill to ensure the highest quality.

LumiForte has

- excellent runnability in press and finishing
- excellent folding properties
- excellent printability

## TYPICAL END USES

Brochures  
Inserts  
Catalogues  
Direct mailings

## PRINTING METHODS

Sheet fed offset  
HSWO  
Digital

## 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

## FINISH

Matt

## REEL SPECIFICATIONS

Cores: 76.2 mm & 150 mm (special request only)  
Width: min. 400 mm, max. 2300 mm  
Diameters: 1000, 1200, 1250 mm

## TECHNICAL SPECIFICATIONS (target values)

Substance		g/m <sup>2</sup>	80	90	100	115	130
Brightness	ISO 2470-2 (D65/10°)	%	99	99	99	99	99
CIE Whiteness	ISO 11475 (D65/10°)	%	122	122	122	122	122
Opacity	ISO 2471 (D65/10°)	%	90	92	93	96	96
Gloss TAPPI 75	ISO 8254-1	%	20	20	20	20	20
Bulk	ISO 534	cm <sup>3</sup> /g	0.95	0.93	0.91	0.88	0.86
Smoothness	ISO 8791-4 PPS (1MPa)	µm	3.0	3.0	2.8	2.0	2.0
Caliper		µm	76	84	91	101	112

## PRODUCT CERTIFICATES

The EU Ecolabel FI/011/007

The paper is approved by the Nordic Ecolabelling organisation and can be used for Nordic Swan Ecolabelled printed matters and by Nordic Swan Ecolabelled printing houses.

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

ISO 14001

ISO 9001

OHSAS 18001

ISO 50001

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## 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.