



## Product information sheet

### Tempo™ light

Silk coated fine paper available in sheets and reels for offset printing

#### Technical specifications

PARAMETER	STANDARD	UNIT							
<b>BASIS WEIGHT</b>	<b>ISO 536</b>	<b>g/m<sup>2</sup></b>	<b>100</b>	<b>115</b>	<b>130</b>	<b>135</b>	<b>150</b>	<b>170</b>	<b>200</b>
BRIGHTNESS (Illuminant D65/10°)	ISO 2470-2	%	100	100	100	100	100	100	100
CIE WHITENESS (D65/10°)	ISO 11475	%	127	127	127	127	127	127	127
OPACITY	ISO 2471	%	93	94,5	95,5	95,5	96,5	97,5	98
GLOSS TAPPI 75°	ISO 8254-1	%	25	25	25	25	25	25	25
ROUGHNESS PPS	ISO 8791-4	µm	1,7	1,7	1,7	1,7	1,7	1,7	1,7
THICKNESS	ISO 534	µm	88	101	114	119	132	150	176
SPEC. VOLUME	ISO 534	cm <sup>3</sup> /g	0,88	0,88	0,88	0,88	0,88	0,88	0,88
RELATIVE HUMIDITY (23°C)	TAPPI 502	%	50	50	50	50	50	50	50
PH VALUE	ISO 6588	-	>7	>7	>7	>7	>7	>7	>7

#### Print recommendations

Screen ruling	All existing half tone technologies.
Printing Inks	Any suitable quality ink.
Dot area	Tempo light has excellent ink absorption capacity with reduced dot gain tendency reproducing sharp printed dots when using the smoothest screens. For dot areas over 320% we recommend Under Colour Removal (UCR).
Processing	<p>Allow paper time to acclimatise to press room conditions before removing outer packaging. Strapping bands (if applied) should be removed shortly after delivery. Outer wrappers should be removed only when ready to print. Ideal press room conditions should be 50% +/- 5% relative humidity at 20°C.</p> <p>Tempo light allows the reduced use of offset spray powder, recommended use is around 50% less than would be applied to standard papers.</p>
Finishing	<p>Suitable for all standard finishes, foil laminating (&gt;130gsm), embossing and die cutting.</p> <p>Varnishes include: dispersion, print, UV, spot, relief, iriodin, scented &amp; aqueous.</p>
Converting	<p>Tempo light has good ink rub resistance and converts with low ink abrasion when printed with rub resistant inks.</p> <p>Pre-creasing before folding is recommended from 135 µm thickness onwards. Crease channel width should be a minimum of 2x paper thickness plus thickness creasing knife (plus or minus 0,2 mm). Crease channel depth should be ± 1.5x paper thickness. Creasing knife 2 point (0,71 mm) - depending on your crease/fold device.</p>

#### Mill and product certifications

MILL CERTIFICATION						PRODUCT CERTIFICATION				
EMAS	ISO 14001	ISO 9001	OHSAS 18001	PEFC C.o.C	FSC™ C.o.C	TCF/ ECF	PEFC credit material	FSC™ Mix	Food contact	Toy safety
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

FSC™ & PEFC may have limited availability, please check with your local sales office.  
To learn more about all of these certifications and to receive copies please contact your local sales office.

Target production values

Regional variations in specifications may apply; please contact your local Sales office for more information.

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