sappi | Tauro

Tauro™
Product Information

Tauro™ is an uncoated fine paper available in sheets and reels for offset printing

Technical specifications

Parameter	Standard	Unit											
Basis weight	ISO 536	g/m²	80	90	100	110	120	140	150	170	190	250	300
Brightness (illuminant D65/10°)	ISO 2470-2	%	104	104	104	104	104	104	104	104	104	104	104
CIE whiteness (D65/10°)	ISO 11475	%	144	144	144	144	144	144	144	144	144	144	144
Opacity	ISO 2471	%	91,5	93	94,5	95,5	96,5	98	98,5	>99	>99	>99	>99
Roughness bendtsen	ISO 8791-2	ml/min	<400	<400	<400	<400	<400	<450	<450	<450	<500	<600	<700
Thickness	ISO 534	µm	103	114	123	136	146	168	180	200	221	285	342
Bulk	ISO 534	cm³/g	1,27	1,25	1,24	1,24	1,20	1,20	1,20	1,17	1,17	1,17	1,15
Relative humidity (23°C)	TAPPI 502	%	50	50	50	50	50	50	50	50	50	50	50
Relative humidity (23°C)	TAPPI 502	%	50	50	50	50	50	50	50	50	50	50	50

Print recommendations

Dot area	For dot areas over 320% we recommend Under Colour Removal (UCR).
Processing	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.
Finishing	Suitable for all standard finishes, foil laminating (>130 gsm), embossing and die cutting. Varnishes include: Varnishes include: dispersion, print, UV, spot, relief, iriodin, scented & acqueous.
Converting	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 ± 1.5x paper thickness. Creasing knife 2 point (0,71 mm) (this and that depending on your crease/fold device).
Assisted drying methods	When using infra red drying methods, stack temperature should not exceed 37°C. Suitable for UV cure inks.

Mill Certification

EMAS — The environmental performance is monitored and continuously improved according to the requirements of Eco-Management and Audit Scheme (EMAS).

ISO 9001 — The quality of the manufacturing is managed according to the requirements of ISO 9001.

ISO 14001 — The environmental aspects of the mill are managed according to the requirements of ISO 14001.

ISO 50001 — The energy consumed and the emissions generated by the mill are managed according to ISO 50001.

FSC® CoC — All fibers from sustainability and controlled sources. FSC® may have limited availability, please check with your local sales office.

PEFC™ CoC — All fibers from sustainability and controlled sources. PEFC™ may have limited availability, please check with your local sales office.

OHSAS 18001 — The health and safety of the mill employees are managed according to the requirements of OHSAS 18001.

Packaging of product complies with packaging and waste directive 94/62/EC (article 11).
Tauro is fully recyclable.

Product Certification

PEFC™ Credit material — All fibers from sustainable and controlled sources. PEFC™ may have limited availability, please check with your local sales office.

FSC® Mix — All fibers from sustainable and controlled sources. FSC® may have limited availability, please check with your local sales office.

Only approved chemicals used, in compliance with BfR recommendation XXXVI 'Paper and Board for Food Contact'. Tauro is suitable for direct contact with dry and fatty foodstuff.

Meets the purity requirements (heavy metal content) of EN 71-3 'Toy Safety', part 3 'Migration of certain elements' and part 9 'Organic chemical compounds'.

The key environmental parameters of the product are presented at the Paper Profile.

Archivability tested according to the requirements of DIN 6738, Lifespan class - LDK 24-85.

ECF — Pulp is bleached without the use of chlorine (ECF).

Dry toner suitable — Dry toner: Suitable for dry toner.

Target production values · Regional variations in specifications may apply; please contact your local Sales office for more information. Updated: 08.06.2016