



Tauro™ Technical specifications

PARAMETER	STANDARD	UNIT												TOLERANCES
STANDARD QUALITY VALUES													± 2 SIGMA	
BASIS WEIGHT	ISO 536	g/m²	80	90	100	110	120	140	150	170	190	250	300	± 4 %
BRIGHTNESS (illuminant D65/10°)	ISO 2470	%	104	104	104	104	104	104	104	104	104	104	104	± 2
ROUGHNESS <small>Bendtsen</small>	ISO 8791-2	ml/min	<400	<400	<400	<400	<400	<450	<450	<450	<500	<600	<700	-
OPACITY	ISO 2471	%	91,5	93	94,5	95,5	96,5	98	98,5	>99	>99	>99	>99	- 1
RELATIVE HUMIDITY (23°C)	TAPPI 502	%	50	50	50	50	50	50	50	50	50	50	50	± 5
PH VALUE	ISO 6588	-	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	-
SPEC. VOLUME	ISO 534	cm ³ /g	1,27	1,25	1,24	1,24	1,20	1,20	1,20	1,17	1,17	1,17	1,15	± 6 %

Print recommendations

Screen ruling	Suitable with all existing half tone technologies.
Printing inks	Any good quality ink.
Dot area	For dot areas over 320% we recommend Under Colour Removal (UCR).
pH-value	>7
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 (>130gsm), embossing and die cutting. Varnishes include: dispersion, print, UV, spot, relief, iriodin, scented & acqueous.
Converting	Pre-creasing before folding is recommended from 170gsm or 135microns. Crease channel depth should be 1.5 to 2mm x the thickness of the paper. When using a crease the width should be a minimum of 2x the paper thickness plus the thickness of the creasing knife (max 0,2mm).
Assisted drying methods	When using infra red drying methods, stack temperature should not exceed 37°C. Suitable for UV cure inks.

VALID FROM 3TH OF December 2009
REVISION NO: 2
Approved by Product Group Management.

Regional variations in specifications may apply; please confirm these values with your local Sales office.

