

Common Attributes	Units	Test Method	90gsm	100gsm	120gsm	170gsm	220gsm	250gsm	270gsm	320gsm	350gsm	400gsm	425gsm
Wood Pulp Bleach Type			ECF Woodfree Virgin Pulp - FSC certified										
Printing Process Suitability			Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foil Blocking, Die Stamping) - image and paper texture depending										
Mono Laser Guaranteed			✓	trial	trial	✗	✗	✗	✗	✗	✗	✗	✗
Colour Laser Guaranteed			✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Mono Ink Jet Guaranteed			✓	✓	✓	trial	✗	✗	✗	✗	✗	✗	✗
Colour Ink Jet Guaranteed			✓	✓	✓	trial	✗	✗	✗	✗	✗	✗	✗
Recommended p.H. of Fount solution			5.5 +/- 0.5										
Surface p.H.		TAPPI 529OM	5 (7.5 for Classical Jazz and Artist)										
Non Aging Credentials		ISO 9706	No (yes for Classical Jazz and Artist)										
Environmental Label		ISO 14001	The mill is working to attain ISO 14001 (Yes for Classical and Jazz)										
Quality Management		ISO 9001:2000	Yes										
Moisture Content 'd'	%	ISO 287	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5
Relative Humidity	%	TAPPI T502	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60

Tradition													
Caliper	µm	ISO534		150	180	255	300	375	380	480		600	
Bright White Opacity	%	ISO2471		90,0	93,0	96,0							
Bendtsen Roughness	ml/min	ISO2494		1500	1600	1800	2000	2000	2000	2000		2000	
Kodak Stiffness	M Direction	ISO5629		0.7	1.6	3.8	9.1	12.5	21.2	27.5		52.0	
	C Direction			0.4	0.7	1.8	6.7	6.0	9.7	12.0		25.0	

Reflection													
Caliper	µm	ISO534		160	185	225		375		480		610	
Bright White Opacity	%	ISO2471		87,0	90,0	94,5							
Bendtsen Roughness	ml/min	ISO2494		1200	1200	1500		1700		1700		1700	
Kodak Stiffness	M Direction	ISO5629		0.7	1.6	3.8		12.5		27.5		52.0	
	C Direction			0.4	0.7	1.8		6.0		12.0		25.0	

Design													
Caliper	µm	ISO534			175	250		350			490		620
Bright White Opacity	%	ISO2471			93,0	96,0							
Bendtsen Roughness	ml/min	ISO2494			1400	1400		1400			1400		1400
Kodak Stiffness	M Direction	ISO5629			1.0	4.2		11.6			42.2		48.1
	C Direction				0.4	1.6		4.9			15.9		20.3



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Printing Process Suitability			Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foil Blocking, Die Stamping) - image and paper texture depending										
Mono Laser Guaranteed			✓	trial	trial	✗	✗	✗	✗	✗	✗	✗	✗
Colour Laser Guaranteed			✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Mono Ink Jet Guaranteed			✓	✓	✓	trial	✗	✗	✗	✗	✗	✗	✗
Colour Ink Jet Guaranteed			✓	✓	✓	trial	✗	✗	✗	✗	✗	✗	✗
Recommended p.H. of Fount solution			5.5 +/- 0.5										
Surface p.H.		TAPPI 529OM	5 (7.5 for Classical Jazz and Artist)										
Non Aging Credentials		ISO 9706	No (yes for Classical Jazz and Artist)										
Environmental Label		ISO 14001	The mill is working to attain ISO 14001 (Yes for Classical and Jazz)										
Quality Management		ISO 9001:2000	Yes										
Moisture Content 'd'	%	ISO 287	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5
Relative Humidity	%	TAPPI T502	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60

Laid													
Caliper	µm	ISO534	135		180		300		435				
Bright White Opacity	%	ISO2471	90,0		93,5								
Bendtsen Roughness	ml/min	ISO2494	900		900		1300		1300				
Kodak Stiffness	M Direction	ISO5629	0.5		1.5		90.0		245.0				
	C Direction		0.3		0.8		55.0		135.0				

Classical													
Caliper	µm	ISO534	140		170	240		400		560			
Bright White Opacity	%	ISO2471	89,5		93,5	96		98,5					
Bendtsen Roughness	ml/min	ISO2494	1500		1700	1900		3000		4500			
Kodak Stiffness	M Direction	ISO5629	0.6		2.0	5.2		17.0		47			
	C Direction		0.4		0.9	2.2		8.5		25			

Jazz													
Caliper	µm	ISO534	145		190	270		400		560			
Bright White Opacity	%	ISO2471	89,5		93,5	96		98,5					
Bendtsen Roughness	ml/min	ISO2494	1100		1200	2000		3000		3000			
Kodak Stiffness	M Direction	ISO5629	0.8		2.0	5.5		19.0		58.0			
	C Direction		0.4		0.9	2.5		9.0		23			



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Printing Process Suitability			Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foil Blocking, Die Stamping) - image and paper texture depending										
Mono Laser Guaranteed			✓	trial	trial	✗	✗	✗	✗	✗	✗	✗	✗
Colour Laser Guaranteed			✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Mono Ink Jet Guaranteed			✓	✓	✓	trial	✗	✗	✗	✗	✗	✗	✗
Colour Ink Jet Guaranteed			✓	✓	✓	trial	✗	✗	✗	✗	✗	✗	✗
Recommended p.H. of Fount solution			5.5 +/- 0.5										
Surface p.H.		TAPPI 529OM	5 (7.5 for Classical Jazz and Artist)										
Non Aging Credentials		ISO 9706	No (yes for Classical Jazz and Artist)										
Environmental Label		ISO 14001	The mill is working to attain ISO 14001 (Yes for Classical and Jazz)										
Quality Management		ISO 9001:2000	Yes										
Moisture Content 'd'	%	ISO 287	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5	5.0 / 6.5
Relative Humidity	%	TAPPI T502	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60

Artist			90gsm	100gsm	120gsm	170gsm	220gsm	250gsm	270gsm	320gsm	350gsm	400gsm	425gsm
Caliper	µm	ISO534	120		165	255		375		486			
Natural White Opacity	%	ISO2471	88,5		92,5	94,5		97,0					
Bekk Smoothness	Bekk sec	ISO2494	14,0		14,0	3,0		3,0		3,0			
Kodak Stiffness	M Direction	ISO5629	0.5		1.5	4.5		14.5		30.0			
	C Direction		0.3		0.7	2.5		6.5		14.0			

Linear			90gsm	100gsm	120gsm	170gsm	220gsm	250gsm	270gsm	320gsm	350gsm	400gsm	425gsm
Caliper	µm	ISO534		170	195	260		375			510		
Bright White Opacity	%	ISO2471		88,0	90,5	95,0							
Bendtsen Roughness	ml/min	ISO2494		1600	1600	1600		1600			1600		
Kodak Stiffness	M Direction	ISO5629		1.0	1.7	5.2		18.5			39.6		
	C Direction			0.5	0.8	2.4		8.4			18.7		

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'd' Design has a moisture content around 5% due to the embossing process. The other finishes have a moisture content around 6.5%.

N.B. Due to the texturing processes it is not possible to give accurate figures for roughness, thickness, stiffness and opacity for Design, Tradition and Reflection finishes.

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