

OPALE

**Technical Sheet**

Common Attributes	Units	Test Method	80gsm	90gsm	100gsm	120gsm	150gsm	250gsm	300gsm	
Wood Pulp Bleach Type		Fabric is <b>NOT</b> guaranteed, please trial before purchase	ECF Woodfree Virgin Pulp (Recycled has 50% recycled fibre content)							
Printing Process Suitability			Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foil Blocking, Die Stamping) - image and paper texture depending							
Mono Laser Guaranteed			✓	✓	✓	✓	✗	✗	✗	
Colour Laser Guaranteed			✓	✓	✓	✓	✗	✗	✗	
Mono Ink Jet Guaranteed			✓	✓	✓	✓	✗	✗	✗	
Colour Ink Jet Guaranteed			✓	✓	✓	✓	✗	✗	✗	
Recommended p.H. of Fount solution			5.5 +/- 0.5							
Surface p.H.			TAPPI 529OM	5						
Non Aging Credentials			ISO 9706	No						
Environmental Label			ISO 14001	The mill is working to attain ISO 14001 and is FSC certified TT-CoC 2151						
Quality Management		ISO 9001:2000	Yes							
Moisture Content	%	ISO 287	6,0	6,0	6,0	6,0	6,0	6,0	6,0	
Relative Humidity	%	TAPPI T502	40-60	40-60	40-60	40-60	40-60	40-60	40-60	

**Premier Wove & Shimmers**

Weight (Caliper)	µm	ISO536			110	126		254	300
Bulk	µ/(g/m2)	ISO534			1.05	1.06		1.00	1.00
Smoothness (bekk)	ml/min	ISO5627			100	100		60	60
Opacity	%	ISO2471			89,5	92		na	na
ISO Whiteness	%	ISO2470			115	115		115	115
Moisture content	%	ISO287			5	5		7	7
Kodak Stiffness (light grm)	mN	ISO2493			0,4	0,4		32	28
Taber (heavy grm) M			0.3	0.3	17	20.0			
Direction / C Direction									

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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			✓	✓	✓	✓	✗	✗	✗	
Colour Laser Guaranteed			✓	✓	✓	✓	✗	✗	✗	
Mono Ink Jet Guaranteed			✓	✓	✓	✓	✗	✗	✗	
Colour Ink Jet Guaranteed			✓	✓	✓	✓	✗	✗	✗	
Recommended p.H. of Fount solution			5.5 +/- 0.5							
Surface p.H.			TAPPI 529OM	5						
Non Aging Credentials			ISO 9706	No						
Environmental Label			ISO 14001	The mill is working to attain ISO 14001 and is FSC certified TT-CoC 2151						
Quality Management		ISO 9001:2000	Yes							
Moisture Content	%	ISO 287	6,0	6,0	6,0	6,0	6,0	6,0	6,0	
Relative Humidity	%	TAPPI T502	40-60	40-60	40-60	40-60	40-60	40-60	40-60	

**Reference Wove & 50% Recycled**

Weight (Caliper)	µm	ISO536	91	99	108			254	300
Bulk	µ/(g/m2)	ISO534	1,15	1,1	1,08			1,00	1,00
Smoothness (bekk)	ml/min	ISO5627	100	80	100			60	60
Opacity	%	ISO2471	87	88	89			na	na
ISO Whiteness Wove	%	ISO2470	115	na	115			115	115
ISO Whiteness Recycled	%	ISO2470	na	102,4	na			102,4	na
Moisture content	%	ISO287	5,8	6,5	5,8			7	7
Kodak Stiffness (light grm)			0,37	0,37	0,4			32	28
Taber (heavy grm) M	mN	ISO2493	0,19	0,19	0,3			17	20,0
Direction / C Direction									

**Reference Fabric**

Weight (Caliper)	µm	ISO536			145			310	
Bulk	µ/(g/m2)	ISO534			1,45			1,24	
Smoothness (bekk)	ml/min	ISO5627							
Opacity	%	ISO2471			89			na	
ISO Whiteness	%	ISO2470			115			115	
Moisture content	%	ISO287			5,5			7	
Kodak Stiffness (light grm)									
Taber (heavy grm) M	mN	ISO2493							
Direction / C Direction									

**N.B. Due to the texturing processes it is not possible to give accurate figures for roughness, stiffness for Fabric.**

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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			✓	✓	✓	✓	✗	✗	✗
Colour Laser Guaranteed			✓	✓	✓	✓	✗	✗	✗
Mono Ink Jet Guaranteed			✓	✓	✓	✓	✗	✗	✗
Colour Ink Jet Guaranteed			✓	✓	✓	✓	✗	✗	✗
Recommended p.H. of Fount solution			5.5 +/- 0.5						
Surface p.H.		TAPPI 529OM	5						
Non Aging Credentials		ISO 9706	No						
Environmental Label		ISO 14001	The mill is working to attain ISO 14001 and is FSC certified TT-CoC 2151						
Quality Management		ISO 9001:2000	Yes						
Moisture Content	%	ISO 287	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Relative Humidity	%	TAPPI T502	40-60	40-60	40-60	40-60	40-60	40-60	40-60

**Dialogue Wove**

Weight (Caliper)	µm	ISO536		103		137	162		
Bulk	µ/(g/m2)	ISO534		1,14		1,14	1,08		
Smoothness (bekk)	ml/min	ISO5627		75		75	75		
Opacity	%	ISO2471		87		90	93		
ISO Whiteness	%	ISO2470		115		115	115		
Moisture content	%	ISO287		4,5		4,5	4,5		
Kodak Stiffness (light grm)				0,39		0,39	2,0		
Taber (heavy grm) M	mN	ISO2493		0,25		0,25	1,0		
Direction / C Direction									

**Digital**

Weight (Caliper)	µm	ISO536		103			162		300
Bulk	µ/(g/m2)	ISO534		1,14			1,08		1,00
Smoothness (bekk)	ml/min	ISO5627		75			75		60
Opacity	%	ISO2471		87			93		na
ISO Whiteness	%	ISO2470		115			115		115
Moisture content	%	ISO287		4,5			4,5		7
Kodak Stiffness (light grm)				0,39			2,0		28
Taber (heavy grm) M	mN	ISO2493		0,25			1,0		20.0
Direction / C Direction									

*These specifications are the property of Arjo Wiggins Fine Papers Ltd and may be changed without prior notice. They are target values only for use as a guide.*