

Opale®

 arjowiggins

Opale.

Common attributes	Test method	80g	90g	100g	120g	150g	250g	300g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC certified						
Printing process suitability		Opale Reference Recycled has 50% post-consumer waste Litho, Silk Screen, Dry Offset (10ray), Blind Embossing, Hot Foiling, Die Stamping - image and paper texture depending						
Mono laser guaranteed		Yes			No			
Colour laser guaranteed		Yes			No			
Mono ink jet guaranteed		Yes			No			
Colour ink jet guaranteed		Yes			No			
Recommended pH of fount solution		5.5 +/- 0.5						
Surface pH	TAPPI 529OM	5						
Non aging credentials	ISO 9706	No						
Environmental label	ISO 14001	Yes						
Quality management	ISO 9001:2000	Yes						
Moisture content (%)	ISO 287	6						
Relative humidity (%)	TAPPI T502	40 - 60						

Premier Wove

Caliper (µm)	ISO 536	-	-	110	126	-	254	300	
Bulk µ/(gm2)	ISO 534	-	-	1,05	1,06	-	1,00	1	
Smoothness (ml/min)	ISO 5627	-	-	100	100	-	60	60	
Whitest shade opacity (%)	ISO 2471	-	-	89,5	92	-	-	-	
ISO Whiteness (%)	ISO 2470	-	-	115	115	-	115	115	
Moisture content (%)	ISO 287	-	-	5	5	-	7	7	
Stiffness (mN)	M direction	ISO 2493	-	-	0,40	0,40	-	32	28
	C direction		-	-	0,30	0,30	-	17	20

Reference Wove, Reference 50% Recycled

Caliper (µm)	ISO 536	91	99	108	-	-	254	300	
Bulk µ/(gm2)	ISO 534	1,15	1,10	1,08	-	-	1,00	1,00	
Smoothness (ml/min)	ISO 5627	100	80	100	-	-	60	60	
Whitest shade opacity (%)	ISO 2471	87	88	89	-	-	-	-	
ISO Whiteness Wove (%)	ISO 2470	115	-	115	-	-	115	115	
ISO Whiteness Recycled (%)		-	102,4	-	-	-	-	-	
Moisture content (%)	ISO 287	5,8	6,5	5,8	-	-	7	7	
Stiffness (mN)	M direction	ISO 2493	0,37	0,37	0,40	-	-	32	28
	C direction		0,19	0,19	0,30	-	-	17	20

Reference Fabric

Caliper (µm)	ISO 536	-	-	145	-	-	310	-
Bulk µ/(gm2)	ISO 534	-	-	1,45	-	-	1,24	-
Whitest shade opacity (%)	ISO 2471	-	-	89	-	-	-	-
ISO Whiteness (%)	ISO 2470	-	-	115	-	-	115	-
Moisture content (%)	ISO 287	-	-	5,5	-	-	7	-

Please note: Due to the texturing process it is not possible to give accurate figures for roughness and stiffness for Reference Fabric.

Dialogue Wove

Caliper (µm)	ISO 536	-	103	-	137	162	-	-
Bulk µ/(gm2)	ISO 534	-	1,14	-	1,14	1,08	-	-
Smoothness (ml/min)	ISO 5627	-	75	-	75	75	-	-
Whitest shade opacity (%)	ISO 2471	-	87	-	90	93	-	-
ISO Whiteness (%)	ISO 2470	-	115	-	115	115	-	-
Moisture content (%)	ISO 287	-	4,5	-	4,5	4,5	-	-
Stiffness (mN)	M direction	ISO 2493	-	0,39	-	0,39	2	-
	C direction		-	0,25	-	0,25	1	-

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They are target values only for use as a guide.

