

conqueror⁴



Conqueror

Bamboo

Показатели	Метод измерения	100g	120g	160g	250g	350g	400g	
Тип целлюлозы		Bamboo Pulp, FSC ECF Virgin Woodfree						
Печатные процессы		Офсет, высокая печать, шелкография, сухой офсет (ToRay)						
Черно-белая лазерная печать		Да		Not guaranteed for office print technologies				
Цветная лазерная печать								
Цветная струйная печать								
Цветная струйная печать								
Рекомендованный уровень pH		5.5 ± 0.5						
pH поверхности	TAPPI 5290M	≈ 7.5						
Сертификат архивного хранения	ISO 9706	Да						
Экологический стандарт	ISO 14001	Да						
Управление качеством	ISO 9002 : 2000	Да						
Влажность (%)	ISO 287	5,7			6,7			
Относительная влажность (%)	TAPPI T502	35 - 55			40 - 60			
Толщина (µm)	ISO 534	145	160	210	330	440	510	
Непрозрачность самого светлого оттенка (%)	ISO 2471	92	88	94	-	-	-	
Шероховатость по Bendtsen (ml/min)	ISO 2494	400	400	800	1100	1200	1200	
Жесткость (mN)	MD	ISO 2493	13	20	35	200	400	650
Жесткость (mN)	CD	L+W, TABER	6	10	20	95	180	310

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Conqueror

Connoisseur 100% Cotton

Показатели	Метод измерения	110g	160g	300g
Тип целлюлозы		ECF Cotton Linters		
Печатные процессы		Офсет, высокая печать, шелкография, сухой офсет (Toray)		
Черно-белая лазерная печать		Да	Not guaranteed for office print technologies	
Цветная лазерная печать				
Цветная струйная печать				
Цветная струйная печать				
Рекомендованный уровень pH		5.5 ± 0.5		
pH поверхности	TAPPI 5290M	7,5		
Сертификат архивного хранения	ISO 9706	no but>100 yrs	Да	
Экологический стандарт	ISO 14001	Да		
Управление качеством	ISO 9002 : 2000	Да		
Влажность (%)	ISO 287	6	6,5	
Относительная влажность (%)	TAPPI T502	40 - 60		
Толщина (µm)	ISO 534	165	256	475
Непрозрачность самого светлого оттенка (%)	ISO 2471	92	96	-
Шероховатость по Bendtsen (ml/min)	ISO 2494	1000	1000	1000
Жесткость (mN) MD	ISO 2493	240	400	160
Stiffness (mN) CD	L+W, TABER	120	200	80

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Conqueror

Wove

Common attributes		Test method	80g	90g	100g	120g	160g	220g	300g	350g	400g	
Wood pulp & bleach type			ECF Cotton Linters, FSC ECF Virgin Woodfree									
Printing process suitability			Litho, Letterpress, Silk screen, Dry offset (Toray)									
Mono laser guaranteed			Yes						Not guaranteed for office print technologies			
Colour laser guaranteed												
Mono ink jet guaranteed												
Colour ink jet guaranteed												
Recommended pH of fount solution			5.5 ± 0.5									
Surface pH		TAPPI 5290M	= 7.5									
Non aging credentials		ISO 9706	Yes									
Environmental label		ISO 14001	Yes									
Quality management		ISO 9002 : 2000	Yes									
Moisture content (%)		ISO 287	5,7						6,7			
Relative humidity (%)		TAPPI T502	35 - 55						40 - 60			
Caliper (µm)		ISO 534	104	117	130	156	208	280	350	410	469	
Whitest shade opacity (%)		ISO 2471	84	86	87	91	95	-	-	-	-	
Bendtsen roughness (ml/min)		ISO 2494	220	220	220	220	220	400	220	220	220	
Stiffness (mN)		M direction	ISO 2493	100	150	200	300	80	100	160	240	446
Stiffness (mN)		C direction	L+W, <i>TABER</i>	60	90	120	180	40	60	80	120	212

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Conqueror

CX22

Common attributes	Test method	90g	100g	120g	160g	250g	320g	350g	400g	
Wood pulp & bleach type		ECF Cotton Linters, FSC ECF Virgin Woodfree								
Printing process suitability		Litho, Letterpress, Silk screen, Dry offset (Toray)								
Mono laser guaranteed		Yes				Not guaranteed for office print technologies				
Colour laser guaranteed										
Mono ink jet guaranteed										
Colour ink jet guaranteed										
Recommended pH of fount solution		5.5 ± 0.5								
Surface pH	TAPPI 5290M	≈ 7.5								
Non aging credentials	ISO 9706	Yes								
Environmental label	ISO 14001	Yes								
Quality management	ISO 9002 : 2000	Yes								
Moisture content (%)	ISO 287	5,7				6,7				
Relative humidity (%)	TAPPI T502	35 - 55				40 - 60				
Caliper (µm)	ISO 534	108	120	137	180	270	345	365	420	
Whitest shade opacity (%)	ISO 2471	90	93	94	95	-	-	-	-	
Bendtsen roughness (ml/min)	ISO 2494	50	50	50	50	50	60	60	60	
Stiffness (mN)	M direction	ISO 2493	150	200	300	60	100	200	220	315
	C direction	L+W, TABER	90	120	180	30	55	100	110	166

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Conqueror

Iridescent

Common attributes	Test method	100g	120g	160g	250g	350g
Wood pulp & bleach type		ECF Cotton Linters, FSC ECF Virgin Woodfree				
Printing process suitability		Litho, Letterpress, Silk screen, Dry offset (Toray)				
Mono laser guaranteed		Yes			Not guaranteed for office print technologies	
Colour laser guaranteed						
Mono ink jet guaranteed						
Colour ink jet guaranteed						
Recommended pH of fount solution		5.5 ± 0.5				
Surface pH	TAPPI 5290M	≈ 7.5				
Non aging credentials	ISO 9706	Yes				
Environmental label	ISO 14001	Yes				
Quality management	ISO 9002 : 2000	Yes				
Moisture content (%)	ISO 287	5,5			6,5	
Relative humidity (%)	TAPPI T502	35 - 45			40 - 60	
Caliper (µm)	ISO 534	120	140	190	295	415
Whitest shade opacity (%)	ISO 2471	90	92	93,5	-	-
Bendtsen roughness (ml/min)	ISO 2494	300	300	300	300	250

Stiffness is not a part of specification for this grade.

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Conqueror

Laid

Common attributes		Test method	80g	90g	100g	120g	160g	220g	250g	300g	350g	400g	
Wood pulp & bleach type			ECF Cotton Linters, FSC ECF Virgin Woodfree										
Printing process suitability			Litho, Letterpress, Silk screen, Dry offset (Toray)										
Mono laser guaranteed			Yes		Not guaranteed for office print technologies								
Colour laser guaranteed			Yes										
Mono ink jet guaranteed			Yes										
Colour ink jet guaranteed			Yes										
Recommended pH of fount solution			5.5 ± 0.5										
Surface pH		TAPPI 5290M	≈ 7.5										
Non aging credentials		ISO 9706	Yes										
Environmental label		ISO 14001	Yes										
Quality management		ISO 9002 : 2000	Yes										
Moisture content (%)		ISO 287	5.7					6.7					
Relative humidity (%)		TAPPI T502	35 - 55					40 - 60					
Caliper (µm)		ISO 534	116	131	145	168	222	310	355	430	500	570	
Whitest shade opacity (%)		ISO 2471	84	86	88	91	94	-	-	-	-	-	
Bendtsen roughness (ml/min)		ISO 2494	850	850	900	900	1200	1700	1700	1700	1700	1800	
Stiffness (mN)		M direction	ISO 2493	100	150	200	300	80	100	150	240	375	610
Stiffness (mN)		C direction	L+W, <i>TABER</i>	60	90	120	180	45	60	80	130	165	297

These specifications are the property of Arjo Wiggins Fine Papers Ltd and may be changed without prior notice.

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