

Technical Data Sheet - 2019

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Conqueror

 arjowiggins

# Conqueror

## Bamboo

Common attributes		Test method	100g	120g	160g	250g	350g	400g
Wood pulp & bleach type			Bamboo Pulp, 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 - 55		40 - 60			
Caliper (µm)	ISO 534		136	165	235	358	515	588
Natural white shade opacity (%)	ISO 2471		92	93	94	-	-	-
Bendtsen roughness (ml/min)	ISO 2494		500	600	1000	1000	1000	1000
Stiffness (mN)	M direction	ISO 5828	-	-	-	200	520	820
Stiffness (mN)	C direction	L+W	-	-	-	85	210	335
Stiffness (mN)	M direction	ISO 2493	13	20	-	-	-	-
Stiffness (mN)	C direction	TABER	6	10	-	-	-	-

These specifications are the property of Arjowiggins Creative Papers and may be changed without prior notice.

They are target values only for use as a guide.



# Conqueror

## Connoisseur 100% Cotton

Common attributes		Test method	110g	160g	300g
Wood pulp & bleach type			ECF Cotton Linters		
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	no but >100 yrs		Yes
Environmental label		ISO 14001	Yes		
Quality management		ISO 9002 : 2000	Yes		
Moisture content (%)		ISO 287	6,0		6,5
Relative humidity (%)		TAPPI T502	40 - 60		
Caliper (µm)		ISO 534	155	242	457
Soft white shade opacity (%)		ISO 2471	92	97	-
Bendtsen roughness (ml/min)		ISO 2494	800	1000	1000
Stiffness (mN)	M direction	ISO 5828	240	400	-
Stiffness (mN)	C direction	L+W	120	200	-
Stiffness (mN)	M direction	ISO 2493	-	-	160
Stiffness (mN)	C direction	TABER	-	-	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		5,8					6,5				
Relative humidity (%)	TAPPI T502		35 - 55					40 - 60				
Caliper (µm)	ISO 534		103	115	127	152	200	288	350	420	460	
Diamond white shade opacity (%)	ISO 2471		89	90	92	93	95	-	-	-	-	
Bendtsen roughness (ml/min)	ISO 2494		220	220	220	220	220	400	220	220	220	
Stiffness (mN)	M direction	ISO 5828	90	140	200	300	-	-	-	-	-	
	C direction	L+W	40	70	100	160	-	-	-	-	-	
Stiffness (mN)	M direction	ISO 2493	-	-	-	-	80	100	160	240	440	
	C direction	TABER	-	-	-	-	40	50	80	120	210	

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# Conqueror

## Wove Recycled

Common attributes	Test method	100g	120g	160g	220g	300g
Wood pulp & bleach type		25% Recycled Post-consumer Fibre & 75% ECF FSC™ Virgin Fibre. 100% Post-consumer Fibre				
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 - 55			40 - 60	

### Wove 25% Recycled

Caliper (µm)	ISO 534	124	-	203	-	359
Fresh white shade opacity (%)	ISO 2471	91	-	95	-	-
Bendtsen roughness (ml/min)	ISO 2494	220	-	220	-	220
Stiffness (mN)	M direction	ISO 5828	175	-	-	-
Stiffness (mN)	C direction	L+W	80	-	-	-
Stiffness (mN)	M direction	ISO 2493	-	-	80	160
Stiffness (mN)	C direction	TABER	-	-	40	80

### Wove 100% Recycled

Caliper (µm)	ISO 534	124	153	200	260	355
Brilliant Rcy white shade opacity (%)	ISO 2471	91	94	96	-	-
Bendtsen roughness (ml/min)	ISO 2494	220	220	220	220	220
Stiffness (mN)	M direction	ISO 5828	145	240	-	-
Stiffness (mN)	C direction	L+W	75	125	-	-
Stiffness (mN)	M direction	ISO 2493	-	-	70	80
Stiffness (mN)	C direction	TABER	-	-	35	40

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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	5.8				6.5			
Relative humidity (%)	TAPPI T502	35 - 55				40 - 60			
Caliper (µm)	ISO 534	105	116	134	177	275	345	370	430
Diamond white shade opacity (%)	ISO 2471	90	91	93	95	-	-	-	-
Bendtsen roughness (ml/min)	ISO 2494	65	65	65	70	70	75	75	75
Stiffness (mN)	M direction ISO 5828	135	180	265	-	-	-	-	-
Stiffness (mN)	C direction L+W	65	100	125	-	-	-	-	-
Stiffness (mN)	M direction ISO 2493	-	-	-	60	100	200	220	310
Stiffness (mN)	C direction TABER	-	-	-	30	55	100	110	160

These specifications are the property of Arjowiggins Creative Papers and may be changed without prior notice.

They are target values only for use as a guide.



# Conqueror CX22 Recycled

Common attributes	Test method	100g	120g	160g	320g
Wood pulp & bleach type		25% Recycled Post Consumer Fibre and 75% ECF FSC™ virgin fibre. 100% Post Consumer Fibre			
Printing process suitability		Litho, Letterpress, Silk Screen, Dry Offset (Toray)			
Mono laser guaranteed		Yes			Not guaranteed for office print technology
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			
None 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 - 55			40 - 60

## CX22 25% Recycled

Caliper (µm)	ISO 534	116	-	168	340
Fresh white shade opacity (%)	ISO 2471	88	-	95	-
Bendtsen roughness (ml/min)	ISO 2494	65	-	70	75
Stiffness (mN)	M direction	ISO 5828	170	-	
Stiffness (mN)	C direction	L+W	80	-	
Stiffness (mN)	M direction	ISO 2493	-	50	200
Stiffness (mN)	C direction	TABER	-	28	100

## CX22 100% Recycled

Caliper (µm)	ISO 534	116	132	172	333
Diamond Rcy shade opacity (%)	ISO 2471	91	93	95	-
Bendtsen roughness (ml/min)	ISO 2494	65	65	70	75
Stiffness (mN)	M direction	ISO 5828	145	190	-
Stiffness (mN)	C direction	L+W	75	95	-
Stiffness (mN)	M direction	ISO 2493	-	-	45
Stiffness (mN)	C direction	TABER	-	-	25

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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	5,8			6,5	
Relative humidity (%)	TAPPI T502	35 - 45			40 - 60	
Caliper (µm)	ISO 534	126	150	194	310	436
Shade opacity (%)	ISO 2471	90	95	97	-	-
Bendtsen roughness (ml/min)	ISO 2494	300	300	300	300	300

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	5.8					6.5					
Relative humidity (%)		TAPPI T502	35 - 55					40 - 60					
Caliper (µm)		ISO 534	113	126	141	165	227	322	366	442	527	588	
Diamond white shade opacity (%)		ISO 2471	88	90	92	94	95	-	-	-	-	-	
Bendtsen roughness (ml/min)		ISO 2494	850	850	850	900	1200	1700	1700	1700	1700	1700	
Stiffness (mN)		M direction	95	140	200	300	-	-	-	-	-	-	
		C direction	50	70	100	160	-	-	-	-	-	-	
Stiffness (mN)		M direction	-	-	-	-	80	100	150	240	375	610	
		C direction	-	-	-	-	45	60	80	130	165	300	

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.



# Conqueror

## Laid Recycled

Common attributes	Test method	100g	120g	220g	300g
Wood pulp & bleach type		25% Recycled Post-consumer Fibre & 75% ECF FSC™ Virgin Fibre. 100% Post-consumer Fibre			
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 - 55		40 - 60	

## 25% Recycled Laid

Caliper (µm)	ISO 534	140	-	-	445	
Milk white shade opacity (%)	ISO 2471	93	-	-	-	
Bendtsen roughness (ml/min)	ISO 2494	1000	-	-	1650	
Stiffness (mN)	M direction	ISO 5828	150	-	-	-
Stiffness (mN)	C direction	L+W	90	-	-	-
Stiffness (mN)	M direction	ISO 2493	-	-	-	240
Stiffness (mN)	C direction	TABER	-	-	-	130

## 100% Recycled Laid

Caliper (µm)	ISO 534	140	160	320	440	
Brilliant Rcy shade opacity (%)	ISO 2471	93	94	-	-	
Bendtsen roughness (ml/min)	ISO 2494	1000	1000	1650	1650	
Stiffness (mN)	M direction	ISO 5828	145	195	-	-
Stiffness (mN)	C direction	L+W	85	110	-	-
Stiffness (mN)	M direction	ISO 2493	-	-	100	240
Stiffness (mN)	C direction	TABER	-	-	60	105

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.



# Conqueror Contour

Common attributes	Test method	100g	120g	160g	300g
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	5,8			6,5
Relative humidity (%)	TAPPI T502	35 - 55			40 - 60
Caliper (µm)	ISO 534	140*	160*	220*	430*
Whitest shade opacity (%)	ISO 2471	#			-
Bendtsen roughness (ml/min)	ISO 2494	Ω 600	Ω 700	Ω 1000	Ω 1000

\*Due to the embossing process the thickness of the paper will vary so the caliper values are for guidance only.

# The embossing process changes the opacity of the paper and it is therefore not possible to give accurate values.

For further details, please call your Arjo Wiggins Fine Papers Sales Office.

Ω Conqueror Contour is textured to a visual standard. Therefore, it is not possible to give accurate roughness or stiffness values.

These specifications are the property of Arjowiggins Creative Papers and may be changed without prior notice.

They are target values only for use as a guide.



# Conqueror Stonemarque

Common attributes		Test method	100g	120g	160g	220g	300g
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	5,8		6,5		
Relative humidity (%)		TAPPI T502	35 - 55		40 - 60		
Caliper (µm)		ISO 534	150*	180*	230*	320	430*
Diamond white shade opacity (%)		ISO 2471	91	93	95	-	-
Bendtsen roughness (ml/min)		ISO 2494	Ω 750	Ω 800	Ω 1100	Ω 1300	Ω 1500
Stiffness (mN)	M direction	ISO 5828	200	280	-	-	-
Stiffness (mN)	C direction	L+W	100	150	-	-	-
Stiffness (mN)	M direction	ISO 2493	-	-	25	130	160
Stiffness (mN)	C direction	TABER	-	-	15	65	80

\*Due to the texturing process the thickness of the paper will vary hence this figure is a guide only.

Ω Conqueror Stonemarque is textured to a visual standard. Therefore, it is not possible to give accurate roughness values.

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FSC™ C018501



Digital

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# Conqueror Digital

## CX22 i-Tone®

Common attributes			100g	120g	320g	400g
Wood pulp & bleach type		Test method	ECF Cotton Linters, FSC™ ECF Virgin Woodfree			
HP Indigo certified			Yes			
Printing process suitability			Litho, Letterpress, Silk screen, Dry offset (Toray)			
Mono laser guaranteed			No		Not guaranteed for office print technologies	
Colour laser guaranteed						
Mono ink jet guaranteed			Yes			
Colour ink jet guaranteed						
Recommended pH of fount solution			5.5 ± 0.5			
Surface pH		TAPPI 529OM	≈ 7.5			
Non aging credentials		ISO 9706	Yes			
Environmental label		ISO 14001	Yes			
Quality management		ISO 9002 : 2000	Yes			
Moisture content (%)		ISO 287	5,8		6,5	
Relative humidity (%)		TAPPI T502	35 - 55		40 - 60	
Caliper (µm)		ISO 534	116	134	340	445
Diamond white shade opacity (%)		ISO 2471	90	93	-	-
Bendtsen roughness (ml/min)		ISO 2494	65	65	75	75
Stiffness (mN)	M direction	ISO 5828	180	265	-	-
	C direction	L+W	100	125	-	-
Stiffness (mN)	M direction	ISO 2493	-	-	200	310
	C direction	TABER	-	-	100	160

These specifications are the property of Arjowiggins Creative Papers and may be changed without prior notice.

They are target values only for use as a guide.



# Conqueror Digital

## CX22 Dry Toner

Common attributes		Test method	100g	250g	320g
Wood pulp & bleach type			ECF Cotton Linters, FSC™ ECF Virgin Woodfree		
Dry Toner Compatibility			Yes*		
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	5,8	6,5	
Relative humidity (%)		TAPPI T502	35 - 55	40 - 60	
Caliper (µm)		ISO 534	116	275	345
Diamond white shade opacity (%)		ISO 2471	90	-	-
Bendtsen roughness (ml/min)		ISO 2494	65	70	75
Stiffness (mN)	M direction	ISO 5828	180	-	-
Stiffness (mN)	C direction	L+W	100	-	-
Stiffness (mN)	M direction	ISO 2493	-	100	200
Stiffness (mN)	C direction	TABER	-	55	100

These specifications are the property of Arjowiggins Creative Papers and may be changed without prior notice.

They are target values only for use as a guide.

\*For printing compatibility with your press, check the Dry Toner Compatibility Chart in the Digital Range.

NB: Many more of our products are Dry Toner compatible, any product not in this Digital range would need to be cut to the desired digital format.



# Conqueror Digital

## Laid i-Tone®

Common attributes		Test method	100g	220g	300g
Wood pulp & bleach type			ECF Cotton Linters, FSC™ ECF Virgin Woodfree		
HP Indigo certified			Yes		
Printing process suitability			Litho, Letterpress, Silk screen, Dry offset (Toray)		
Mono laser guaranteed			No	Not guaranteed for office print technologies	
Colour laser guaranteed					
Mono ink jet guaranteed			Yes		
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	5,8	6,5	
Relative humidity (%)		TAPPI T502	35 - 55	40 - 60	
Caliper (µm)		ISO 534	141	322	442
Diamond white shade opacity (%)		ISO 2471	92	-	-
Bendtsen roughness (ml/min)		ISO 2494	850	1700	1700
Stiffness (mN)	M direction	ISO 5828	200	-	-
Stiffness (mN)	C direction	L+W	120	-	-
Stiffness (mN)	M direction	ISO 2493	-	100	240
Stiffness (mN)	C direction	TABER	-	80	130

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Certified for  
HP Indigo





# Conqueror Digital

## Laid Dry Toner

Common attributes			Test method	100g	220g
Wood pulp & bleach type				ECF Cotton Linters, FSC™ ECF Virgin Woodfree	
Dry Toner Compatibility				Yes*	
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	5,8	6,5
Relative humidity (%)			TAPPI T502	35 - 55	40 - 60
Caliper (µm)			ISO 534	141	322
Diamond white shade opacity (%)			ISO 2471	92	-
Bendtsen roughness (ml/min)			ISO 2494	850	1700
Stiffness (mN)	M direction		ISO 5828	200	-
Stiffness (mN)	C direction		L+W	120	-
Stiffness (mN)	M direction		ISO 2493	-	100
Stiffness (mN)	C direction		TABER	-	80

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\*For printing compatibility with your press, check the Dry Toner Compatibility Chart in the Digital Range.

NB: Many more of our products are Dry Toner compatible, any product not in this Digital range would need to be cut to the desired digital format.



# Conqueror Digital

## Wove i-Tone®

Common attributes			Test method	100g	120g	300g	350g
Wood pulp & bleach type				ECF Cotton Linters, FSC™ ECF Virgin Woodfree			
HP Indigo certified				Yes			
Printing process suitability				Litho, Letterpress, Silk screen, Dry offset (Toray)			
Mono laser guaranteed				No		Not guaranteed for office print technologies	
Colour laser guaranteed							
Mono ink jet guaranteed				Yes			
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	5,8		6,5	
Relative humidity (%)			TAPPI T502	35 - 55		40 - 60	
Caliper (µm)			ISO 534	127	152	350	420
Diamond white shade opacity (%)			ISO 2471	92	93	-	-
Bendtsen roughness (ml/min)			ISO 2494	220	220	220	220
Stiffness (mN)		M direction	ISO 5828	200	300	-	-
Stiffness (mN)		C direction	L+W	120	160	-	-
Stiffness (mN)		M direction	ISO 2493	-	-	160	240
Stiffness (mN)		C direction	TABER	-	-	80	120

They are target values only for use as a guide.

Certified for  
HP Indigo



# Conqueror Digital

## Wove Dry Toner

Common attributes		Test method	100g	220g
Wood pulp & bleach type			ECF Cotton Linters, FSC™ ECF Virgin Woodfree	
Dry Toner Compatibility			Yes*	
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	5,8	6,5
Relative humidity (%)		TAPPI T502	35 - 55	40 - 60
Caliper (µm)		ISO 534	127	288
Diamond white shade opacity (%)		ISO 2471	92	-
Bendtsen roughness (ml/min)		ISO 2494	220	400
Stiffness (mN)	M direction	ISO 5828	200	-
Stiffness (mN)	C direction	L+W	120	-
Stiffness (mN)	M direction	ISO 2493	-	100
Stiffness (mN)	C direction	TABER	-	50

These specifications are the property of Arjowiggins Creative Papers and may be changed without prior notice.

They are target values only for use as a guide.

\*For printing compatibility with your press, check the Dry Toner Compatibility Chart in the Digital Range.

NB: Many more of our products are Dry Toner compatible, any product not in this Digital range would need to be cut to the desired digital format.



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