

Technical Data Sheet

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Digital

 arjowiggins

# Conqueror Digital CX22 i-Tone®

Common attributes		Test method	100g	120g	320g	400g	
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			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	120	137	345	420	
Whitest shade opacity (%)		ISO 2471	93	94	-	-	
Bendtsen roughness (ml/min)		ISO 2494	50	50	60	60	
Stiffness (mN)		M direction	ISO 2493	200	300	200	315
Stiffness (mN)		C direction	L+W, <i>TABER</i>	120	180	100	166

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.

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# 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	5,7	6,7	
Relative humidity (%)		TAPPI T502	35 - 55	40 - 60	
Caliper (µm)		ISO 534	120	270	345
Whitest shade opacity (%)		ISO 2471	93	-	-
Bendtsen roughness (ml/min)		ISO 2494	50	50	60
Stiffness (mN)		M direction	200	100	200
Stiffness (mN)		C direction			
		L+W, <i>TABER</i>	120	55	100

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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

## 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			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		145	310	430
Whitest shade opacity (%)	ISO 2471		88	-	-
Bendtsen roughness (ml/min)	ISO 2494		900	1700	1700
Stiffness (mN)	M direction	ISO 2493	200	100	240
Stiffness (mN)	C direction	L+W, TABER	120	60	130

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# 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	5,7	6,7	
Relative humidity (%)	TAPPI T502	35 - 55	40 - 60	
Caliper (µm)	ISO 534	145	310	
Whitest shade opacity (%)	ISO 2471	88	-	
Bendtsen roughness (ml/min)	ISO 2494	900	1700	
Stiffness (mN)	M direction	ISO 2493	200	100
Stiffness (mN)	C direction	L+W, <i>TABER</i>	120	60

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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			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	130	156	350	410
Whitest shade opacity (%)		ISO 2471	87	91	-	-
Bendtsen roughness (ml/min)		ISO 2494	220	220	220	220
Stiffness (mN)		M direction	200	300	160	240
Stiffness (mN)		C direction				
		L+W, <i>TABER</i>	120	180	80	120

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# Conqueror Digital

## Wave 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	5,7	6,7	
Relative humidity (%)		TAPPI T502	35 - 55	40 - 60	
Caliper (µm)		ISO 534	130	280	
Whitest shade opacity (%)		ISO 2471	87	-	
Bendtsen roughness (ml/min)		ISO 2494	220	400	
Stiffness (mN)		M direction	ISO 2493	200	100
Stiffness (mN)		C direction	L+W, <i>TABER</i>	120	60

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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.



# Curious Collection Digital Matter i-Tone®

Common attributes	Test method	270g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC Certified
HP Indigo certified		Yes
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, Hot Foiling, Die Stamping
Laser		Trial
Ink Jet		No
Recommended pH of fount solution		5.5 +/- 0.5
Surface pH	TAPPI 529OM	7-8
None aging credentials	ISO 9706	Yes
Environmental label	ISO 14001	Yes
Quality management	ISO 9002	Yes
Moisture content (%)	ISO 287	6,5
Relative humidity (%)	TAPPI T502	40 - 60
Caliper (µm)	ISO 534	365
Goya White Opacity	ISO 2471	93
Bendtsen roughness (ml/min)	ISO 2492	1600
Taber Stiffness (mN)	M direction	90
Stiffness (mN)	C direction	50

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# Curious Collection Digital Matter Dry Toner

Common attributes		Test method	135g	270g
Wood pulp & bleach type			ECF Woodfree Virgin Pulp - FSC Certified	
Dry Toner Compatibility			Yes*	
Printing process suitability			Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, Hot Foiling, Die Stamping	
Laser			Trial	
Ink Jet			No	
Recommended pH of fount solution			5.5 +/- 0.5	
Surface pH		TAPPI 529OM	7-8	
None aging credentials		ISO 9706	Yes	
Environmental label		ISO 14001	Yes	
Quality management		ISO 9002	Yes	
Moisture content (%)		ISO 287	6,5	
Relative humidity (%)		TAPPI T502	40 - 60	
Caliper (µm)		ISO 534	210	365
Goya White Opacity		ISO 2471	92	93
Bendtsen roughness (ml/min)		ISO 2492	1600	
Taber Stiffness (mN)	M direction	TAPPI T489	11	90
	C direction		6	50

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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.



# Curious Collection Digital

## Metallics i-Tone®

Common attributes	Test method	120g	300g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC Certified	
HP Indigo certified		Yes	
Printing process suitability		Litho, Silk Screen, Dry Offset (Tory), 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	
Colour ink jet guaranteed		Yes	
Recommended pH of fount solution		5.5 +/- 0.5	
Surface pH	TAPPI 529OM	4.5 for Cryogen White - 7.0 for all other colours	
Non aging credentials	ISO 9706	All grades but Virtual Pearl / Cryogen White / Europa Ivory	
Environmental label	ISO 14001	All Mills have ISO 14001	
Quality management	ISO 9002	All Mills have ISO 9002 / ISO 9001	
Moisture content (%)	ISO 287	6,5	
Relative humidity (%)	TAPPI T502	40 - 60	
Caliper (µm)			
Cryogen White/Europa Ivory/Virtual Pearl	ISO 534	151	-
All other colours		166	416
Ice Gold Opacity (%)	ISO 2471	95.5	-
Bendtsen roughness (ml/min) T/S			
Cryogen White/Europa Ivory/Virtual Pearl	ISO 2494	272	-
All other colours		510	756
Bendtsen roughness (ml/min) W/S			
Cryogen White/Europa Ivory/Virtual Pearl	ISO 2494	287	-
All other colours		570	810
Stiffness (mN)	M direction		
	ISO 2493	10,5	131
Stiffness (mN)	C direction		
		5,8	63

Please note:

No values are given for Embossed products as the process changes roughness, stiffness, thickness and opacity.

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.

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# Curious Collection Digital Metallics Dry Toner

Common attributes		Test method	120g	240g	250g	300g
Wood pulp & bleach type			ECF Woodfree Virgin Pulp - FSC Certified			
Dry Toner Compatibility			Yes*			
Printing process suitability			Litho, Silk Screen, Dry Offset (Toray), 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			
Colour ink jet guaranteed			Yes			
Recommended pH of fount solution			5.5 +/- 0.5			
Surface pH		TAPPI 529OM	4.5 for Cryogen White - 7.0 for all other colours			
Non aging credentials		ISO 9706	All grades but Virtual Pearl / Cryogen White / Europa Ivory			
Environmental label		ISO 14001	All Mills have ISO 14001			
Quality management		ISO 9002	All Mills have ISO 9002 / ISO 9001			
Moisture content (%)		ISO 287	6,5			
Relative humidity (%)		TAPPI T502	40 - 60			
Caliper (µm)						
Cryogen White/Europa Ivory/Virtual Pearl		ISO 534	151	287	-	-
All other colours			166	-	339	416
Ice Gold Opacity (%)		ISO 2471	95.5	-	-	-
Bendtsen roughness (ml/min) T/S						
Cryogen White/Europa Ivory/Virtual Pearl		ISO 2494	272	269	-	-
All other colours			510	-	674	756
Bendtsen roughness (ml/min) W/S						
Cryogen White/Europa Ivory/Virtual Pearl		ISO 2494	287	285	-	-
All other colours			570	-	728	810
Stiffness (mN)	M direction	ISO 2493	10,5	59	73	131
Stiffness (mN)	C direction		5,8	28,7	37	63

Please note:

No values are given for Embossed products as the process changes roughness, stiffness, thickness and opacity.

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# Curious Collection Digital

## Skin i-Tone®

Common attributes	Test method	270g	380g	
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC Certified		
HP Indigo certified		Yes		
Printing process suitability		Offset litho (Colours: Oxidizing inks / Whites: Semi fresh inks) / compatible with Metallic & White Offset litho, silkscreen, letterpress, embossing & debossing, hot foiling, die stamping		
Laser cutting		On colours only & tests recommended		
Skin Digital - Whites only		Whites (Extra White, Ivory and Stone only): HP indigo, Xerox iGEN3 and Xerox Docucolor compatible		
Mono laser guaranteed*		No		
Colour laser guaranteed*		No		
Mono ink jet guaranteed*		No		
Colour ink jet guaranteed*		No		
Recommended pH of fount solution		5.5 +/- 0.5		
Surface pH	TAPPI 529OM	-		
None aging credentials	ISO 9706	Extra White, Ivory and Stone only		
Environmental label	ISO 14001	All mills have ISO 14001		
Quality management	ISO 9002	All mills have ISO 9002 / ISO 9001		
Moisture content (%)	ISO 287	5	5,5	
Relative humidity (%)	TAPPI T502			
Caliper (µm)	ISO 534	300	415	
Extra White Opacity (%)	ISO 2471	-	-	
Bekk Smoothness (Bekk sec)	ISO 5627	60	60	
Stiffness (mN)	ISO 2493	M direction	160	410
Stiffness (mN)		C direction	80	210

\* Curious Collection Skin is NOT inkjet or laser guaranteed. The papers without treatment in the range should give acceptable results on machines Kodak NexPress, Xerox iGen3 and other Xerox Docu

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# Curious Collection Digital

## Skin Dry Toner

Common attributes	Test method	270g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC Certified
Dry Toner Compatibility		Yes**
Printing process suitability		Offset litho (Colours: Oxidizing inks / Whites: Semi fresh inks) / compatible with Metallic & White Offset litho, silkscreen, letterpress, embossing & debossing, hot foiling, die stamping
Laser cutting		On colours only & tests recommended
Skin Digital - Whites only		Whites (Extra White, Ivory and Stone only): HP indigo, Xerox IGEN3 and Xerox Docucolor compatible
Mono laser guaranteed*		No
Colour laser guaranteed*		No
Mono ink jet guaranteed*		No
Colour ink jet guaranteed*		No
Recommended pH of fount solution		5.5 +/- 0.5
Surface pH	TAPPI 529OM	-
None aging credentials	ISO 9706	Extra White, Ivory and Stone only
Environmental label	ISO 14001	All mills have ISO 14001
Quality management	ISO 9002	All mills have ISO 9002 / ISO 9001
Moisture content (%)	ISO 287	5
Relative humidity (%)	TAPPI T502	45
Caliper (µm)	ISO 534	300
Extra White Opacity (%)	ISO 2471	-
Bekk Smoothness (Bekk sec)	ISO 5627	60
Stiffness (mN)	M direction	160
Stiffness (mN)	C direction	80

\* Curious Collection Skin is NOT inkjet or laser guaranteed. The papers without treatment in the range should give acceptable results on machines such as Kodak NexPress, Xerox iGen3 and other Xerox Docu

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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.



# Curious Collection Digital Translucents i-Tone®

Common attributes	Test method	112g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC Certified
HP Indigo certified		Yes
Food compatible		Yes
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), HSWO, Blind Embossing, Hot Foiling, Die Stamping, Flexography
Mono laser guaranteed		Trial
Colour laser guaranteed		Trial
Mono ink jet guaranteed*		Trial
Colour ink jet guaranteed		Trial
Recommended pH of fount solution		5.5 +/- 0.5
Surface pH	TAPPI 529OM	6.5-8.5
None aging credentials	ISO 9706	None
Environmental label	ISO 14001	Yes
Quality management	ISO 9002	The mill has ISO 9002 / ISO 9001
Moisture content (%)	ISO 287	6.9-8.1
Relative humidity (%)	TAPPI T502	40-50
<b>Clear</b>		
Caliper (µm)	ISO 534	87-97
Clear opacity (%)	ISO 2471	30-35
Bendtsen roughness (ml/min)	ISO 8791-2	100-280

Please note:

\*The ink jet and laser performance of Curious Translucents vary due to the different manufacturing processes required to obtain the surface finish and

- In all instances a trial is recommended prior to purchase.

- Stiffness is not part of the specification for Translucent papers.

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# Keaycolour Digital

## Original i-Tone®

Common attributes	Test method	250g	300g
Wood pulp & bleach type		EC F Woodfree Virgin Pulp, FSC certified 30% FSC Recycled Post-consumer Fibre	
HP Indigo certified		Yes	
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, Hot Foiling, Die Stamping - image & paper texture depending	
Mono laser guaranteed		No	
Colour laser guaranteed		No	
Mono ink jet guaranteed		No	
Colour ink jet guaranteed		No	
Recommended pH of fount solution		5.5 +/- 0.5	
Surface pH	TAPPI 529OM	7	
Non aging credentials	ISO 9706	Yes. It may vary due to the recycled fibre content but should last more than 100 years	
Environmental label	ISO 14001	Yes	
Quality management	ISO 9001:2000	Yes	
Moisture content (%)	ISO 287	6,6	
Relative humidity (%)	TAPPI T502	40 - 60	
Caliper (µm)			
	Snow White / Pure White	353	420
	Parchment Natural / Parchment Aged	350	-
	Colours	370	445
	ISO 534		
Bendtsen roughness (ml/min)			
	Snow White / Pure White	750	750
	Parchment Natural / Parchment Aged	1300	-
	Colours	1150	1150
	ISO 2494		
Stiffness (mN)			
	Snow White / Pure White		
	M direction	160	266
	C direction	80	109
	ISO 2493		

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They are target values only for use as a guide.

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HP Indigo



# Keaycolour Digital Original Dry Toner

Common attributes	Test method	250g
Wood pulp & bleach type		EC F Woodfree Virgin Pulp, FSC certified 30% FSC Recycled Post-consumer Fibre
Dry Toner Compatibility		Yes*
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, Hot Foiling, Die Stamping - image & paper texture depending
Mono laser guaranteed		No
Colour laser guaranteed		No
Mono ink jet guaranteed		No
Colour ink jet guaranteed		No
Recommended pH of fount solution		5.5 +/- 0.5
Surface pH	TAPPI 529OM	7
Non aging credentials	ISO 9706	Yes. It may vary due to the recycled fibre content but should last more than 100 years
Environmental label	ISO 14001	Yes
Quality management	ISO 9001:2000	Yes
Moisture content (%)	ISO 287	6,6
Relative humidity (%)	TAPPI T502	40 - 60
Caliper (µm)		
	Snow White / Pure White	353
	Parchment Natural / Parchment Aged	350
	Colours	370
Bendtsen roughness (ml/min)		
	Snow White / Pure White	750
	Parchment Natural / Parchment Aged	1300
	Colours	1150
Stiffness (mN)		
	Snow White / Pure Wf	
	M direction	160
	C direction	80

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# Keaycolour Digital

## 100% Recycled i Tone®

Common attributes	Test method	300g
Wood pulp & bleach type		100% FSC Recycled Post Consumer Fibre
HP Indigo certified		Yes
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, Hot Foiling, Die Stamping - image & paper texture depending
Mono laser guaranteed		No
Colour laser guaranteed		No
Mono ink jet guaranteed		No
Colour ink jet guaranteed		No
Recommended pH of fount solution		5.5 +/- 0.5
Surface pH	TAPPI 529OM	7
None aging credentials	ISO 9706	Yes. It may vary due to the recycled fibre content but should last more than 100 years
Environmental label	ISO 14001	Yes
Quality management	ISO 9001:2000	Yes
Moisture content (%)	ISO 287	6,6
Relative humidity (%)	TAPPI T502	40 - 60
Caliper (µm)		
Camel / Graphite / Hazel		427
Chalk / Limestone	ISO 534	420
Particles Snow		430
Particles Moonlight / Particles Sunshine		355
Bendtsen roughness (ml/min)		
Camel / Graphite / Hazel		1150
Chalk / Limestone	ISO 2494	1200
Particles Snow		1200
Particles Moonlight / Particles Sunshine		320

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**HP Indigo**



# Pop'Set Digital i-Tone®

Common attributes	Test method	120g	170g	240g	320g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp			
HP Indigo certified		Yes			
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foil Blocking, Die Stamping)			
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	6,5 for colours and 7.5 for Brilliant White, Oyster and Ivory			
Non aging credentials	ISO 9706	Brilliant White, Oyster and Ivory are long life			
Environmental label	ISO 14001	Yes			
Quality management	ISO 9001	Yes			
Moisture content (%)	ISO 287	6	7		
Relative humidity (%)	TAPPI T502	40 - 60			
Caliper (µm)	ISO 534	150	210	300	400
Brilliant White opacity (%)	ISO2471	92	-		
Bendtsen roughness (ml/min)	ISO2494	250	320		

Please note:

- The following colours have a low level of lightfastness (ISO 105-B05): Infra Violet, Cosmo Pink
- Black and Extra Black products do not contain Carbon Black and are very resistant to light (ISO 105-B05)

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They are target values only for use as a guide.



# Pop'Set Digital Dry Toner

Common attributes	Test method	120g	170g	240g	320g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp			
Dry Toner Compatibility		Yes*			
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foil Blocking, Die Stamping)			
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	6,5 for colours and 7.5 for Brilliant White, Oyster and Ivory			
Non aging credentials	ISO 9706	Brillant White, Oyster and Ivory are long life			
Environmental label	ISO 14001	Yes			
Quality management	ISO 9001	Yes			
Moisture content (%)	ISO 287	6	7		
Relative humidity (%)	TAPPI T502	40 - 60			
Caliper (µm)	ISO 534	150	210	300	400
Brilliant White opacity (%)	ISO2471	92	-		
Bendtsen roughness (ml/min)	ISO2494	250	320		

Please note:

- The following colours have a low level of lightfastness (ISO 105-B05): Infra Violet, Cosmo Pink
- Black and Extra Black products do not contain Carbon Black and are very resistant to light (ISO 105-B05)



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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.



# Rives Digital

## i-Tone®

Common attributes	Test method	120g	250g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC certified	
HP Indigo certified		Yes	
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foiling, Die Stamping - image and paper texture dependent	
Mono laser guaranteed		No	
Colour laser guaranteed		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	7.5 (5 for the shades: Pale Grey, Le Rouge, Le Bleu, Le Noir)	
Non aging credentials	ISO 9706	Yes (Except for Pale Grey, Le Rouge, Le Bleu, Le Noir)	
Environmental label	ISO 14001	Yes	
Quality management	ISO 9001:2000	Yes	
Moisture content (%)	ISO 287	6,5	
Relative humidity (%)	TAPPI T502	40 - 60	

## Dot i-Tone®

Caliper (µm)	ISO 534	180	360
Bright White opacity (%)	ISO 2471	93	98
Bendtsen roughness (ml/min)	ISO 2494	900	1400
Stiffness (mN) M direction	ISO 5629	2	21
Stiffness (mN) C direction		0,9	8

## Shetland i-Tone®

Caliper (µm)	ISO 534	180	360
Bright White opacity (%)	ISO 2471	93	98
Bendtsen roughness (ml/min)	ISO 2494	900	1500
Stiffness (mN) M direction	ISO 5629	2	21
Stiffness (mN) C direction		0,9	8

## Tradition i-Tone®

Caliper (µm)	ISO 534	180	375
Bright White opacity (%)	ISO 2471	93	-
Bendtsen roughness (ml/min)	ISO 2494	1400	1500
Stiffness (mN) M direction	ISO 5629	1,6	12,5
Stiffness (mN) C direction		0,7	6

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Certified for  
HP Indigo



# Rives Digital

## Dry Toner

Common attributes	Test method	120g	250g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC certified	
Dry Toner Compatibility		Yes*	
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foiling, Die Stamping - image and paper texture dependent	
Mono laser guaranteed		No	
Colour laser guaranteed		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	7.5 (5 for the shades: Pale Grey, Le Rouge, Le Bleu, Le Noir)	
Non aging credentials	ISO 9706	Yes (Except for Pale Grey, Le Rouge, Le Bleu, Le Noir)	
Environmental label	ISO 14001	Yes	
Quality management	ISO 9001:2000	Yes	
Moisture content (%)	ISO 287	6,5	
Relative humidity (%)	TAPPI T502	40 - 60	

## Dot Dry Toner

Caliper (µm)	ISO 534	180	360
Bright White opacity (%)	ISO 2471	93	98
Bendtsen roughness (ml/min)	ISO 2494	900	1400
Stiffness (mN)	M direction	2	21
Stiffness (mN)	C direction	0,9	8

## Design Dry Toner

Caliper (µm)	ISO 534	175	330
Bright White opacity (%)	ISO 2471	93	-
Bendtsen roughness (ml/min)	ISO 2494	1500	1500
Stiffness (mN)	M direction	1	11,6
Stiffness (mN)	C direction	0,4	4,9

## Tradition Dry Toner

Caliper (µm)	ISO 534	180	375
Bright White opacity (%)	ISO 2471	93	-
Bendtsen roughness (ml/min)	ISO 2494	1400	1500
Stiffness (mN)	M direction	1,6	12,5
Stiffness (mN)	C direction	0,7	6

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