

Rives®

 arjowiggins

Common attributes	Test method	90g	100g	120g	170g	220g	250g	320g	350g	400g
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC™ certified								
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foiling, Die Stamping - image and paper texture dependent								
Mono laser guaranteed		Yes	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

Caliper (µm)	ISO 534		180	250		360		500	
Bright White opacity (%) <td>ISO 2471</td> <td></td> <td>93</td> <td>97</td> <td></td> <td>98</td> <td></td> <td>-</td> <td></td>	ISO 2471		93	97		98		-	
Bendtsen roughness (ml/min) <td>ISO 2494</td> <td></td> <td>900</td> <td>900</td> <td></td> <td>1400</td> <td></td> <td>2000</td> <td></td>	ISO 2494		900	900		1400		2000	
Stiffness (mN) M direction <td rowspan="2">ISO 5629</td> <td></td> <td>2</td> <td>7</td> <td></td> <td>21</td> <td></td> <td>50</td> <td></td>	ISO 5629		2	7		21		50	
Stiffness (mN) C direction			0,9	3		8		21	

## Tweed

Caliper (µm)	ISO 534		180	250		360		500	
Bright White opacity (%) <td>ISO 2471</td> <td></td> <td>93</td> <td>97</td> <td></td> <td>98</td> <td></td> <td>-</td> <td></td>	ISO 2471		93	97		98		-	
Bendtsen roughness (ml/min) <td>ISO 2494</td> <td></td> <td>2000</td> <td>2000</td> <td></td> <td>2000</td> <td></td> <td>2000</td> <td></td>	ISO 2494		2000	2000		2000		2000	
Stiffness (mN) M direction <td rowspan="2">ISO 5629</td> <td></td> <td>2</td> <td>7</td> <td></td> <td>21</td> <td></td> <td>50</td> <td></td>	ISO 5629		2	7		21		50	
Stiffness (mN) C direction			0,9	3		8		21	

## Shetland

Caliper (µm)	ISO 534		180	250		360		500	
Bright White opacity (%) <td>ISO 2471</td> <td></td> <td>93</td> <td>97</td> <td></td> <td>98</td> <td></td> <td>-</td> <td></td>	ISO 2471		93	97		98		-	
Bendtsen roughness (ml/min) <td>ISO 2494</td> <td></td> <td>900</td> <td>1500</td> <td></td> <td>1500</td> <td></td> <td>1500</td> <td></td>	ISO 2494		900	1500		1500		1500	
Stiffness (mN) M direction <td rowspan="2">ISO 5629</td> <td></td> <td>2</td> <td>7</td> <td></td> <td>21</td> <td></td> <td>50</td> <td></td>	ISO 5629		2	7		21		50	
Stiffness (mN) C direction			0,9	3		8		21	

## Basane

Caliper (µm)	ISO 534		180	250		360		500	
Bright White opacity (%) <td>ISO 2471</td> <td></td> <td>93</td> <td>97</td> <td></td> <td>98</td> <td></td> <td>-</td> <td></td>	ISO 2471		93	97		98		-	
Bendtsen roughness (ml/min) <td>ISO 2494</td> <td></td> <td>1200</td> <td>2000</td> <td></td> <td>2000</td> <td></td> <td>2000</td> <td></td>	ISO 2494		1200	2000		2000		2000	
Stiffness (mN) M direction <td rowspan="2">ISO 5629</td> <td></td> <td>2</td> <td>7</td> <td></td> <td>21</td> <td></td> <td>50</td> <td></td>	ISO 5629		2	7		21		50	
Stiffness (mN) C direction			0,9	3		8		21	



Common attributes	Test method	90g	100g	120g	170g	220g	250g	320g	350g	400g
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### Tradition

Caliper (µm)	ISO 534		150	180	255		375	480		610
Bright White opacity (%)	ISO 2471		90	93	96		-	-		-
Bendtsen roughness (ml/min)	ISO 2494		1300	1400	1400		1500	1500		1600
Stiffness (mN)	M direction	ISO 5629	0,7	1,6	3,8		12,5	27,5		52
Stiffness (mN)	C direction		0,4	0,7	1,8		6	12		25

### Design

Caliper (µm)	ISO 534		175	240		330		470	
Bright White opacity (%)	ISO 2471		93	96		-		-	
Bendtsen roughness (ml/min)	ISO 2494		1500	1500		1500		1500	
Stiffness (mN)	M direction	ISO 5629	1	4,2		11,6		42,2	
Stiffness (mN)	C direction		0,4	1,6		4,9		15,9	

### Linear

Caliper (µm)	ISO 534		180	255		375		520	
Bright White opacity (%)	ISO 2471		90,5	95		-		-	
Bendtsen roughness (ml/min)	ISO 2494		1400	1600		1600		1600	
Stiffness (mN)	M direction	ISO 5629	1,7	5,2		18,5		39,6	
Stiffness (mN)	C direction		0,8	2,4		8,4		18,7	

### Laid

Caliper (µm)	ISO 534	135	180		300		435	
Bright White opacity (%)	ISO 2471	93,5	93,5		-		-	
Bendtsen roughness (ml/min)	ISO 2494	900	1200		1300		1300	
Stiffness (mN)	M direction	ISO 5629	1,5		9		24,5	
Stiffness (mN)	C direction		0,8		5,5		13,5	

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.



Rives.

## 100% Recycled

Common attributes	Test method	120g	170g	250g
Wood pulp & bleach type		100% Recycled pulp		
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foil Blocking, Die Stamping - image and paper texture depending)		
Mono laser guaranteed		No		
Colour laser guaranteed		No		
Mono ink jet guaranteed		Yes	No	
Colour ink jet guaranteed		No		
Recommended pH of fount solution		5.5 +/- 0.5		
Surface pH	TAPPI 529OM		7,5	
None aging credentials	ISO 9706		Yes	
Environmental label	ISO 14001		Yes	
Quality management	ISO 9001:2000		Yes	
Moisture content (%)	ISO 287		6,5	
Relative humidity (%)	TAPPI T502		40 - 60	

## Shetland 100% Recycled

Caliper (µm)	ISO 534	180	250	360
Whitest shade opacity (%)	ISO 2471	93	97	98
Bendtsen roughness (ml/min)	ISO 2494	900	1500	1500
Stiffness (mN) M direction	ISO 5629	2	7	21
Stiffness (mN) C direction		0,9	3	8

## Design 100% Recycled

Caliper (µm)	ISO 534	175	250	350
Whitest shade opacity (%)	ISO 2471	93	96	98
Bendtsen roughness (ml/min)	ISO 2494	1400	1400	1400
Stiffness (mN) M direction	ISO 5629	1	4,2	11,6
Stiffness (mN) C direction		0,4	1,6	4,9

## Tradition 100% Recycled

Caliper (µm)	ISO 534	180	255	375
Whitest shade opacity (%)	ISO 2471	93	96	98
Bendtsen roughness (ml/min)	ISO 2494	1600	1800	2000
Stiffness (mN) M direction	ISO 5629	1,6	3,8	12,5
Stiffness (mN) C direction		0,7	1,8	6

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Digital

 arjowiggins

## 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	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	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	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

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

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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.

FSC™ C018501

