

Curious Collection.®



# Curious Collection®

## Matter

Common attributes		Test method	125g (one side)	135g	270g	380g
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			
Laser			Trial			No
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		180	210	365	480
Goya White Opacity	ISO 2471		91	92	93	-
Bendtsen roughness (ml/min)	ISO 2492		1600			
Taber Stiffness (mN)	M direction	TAPPI T489	10	11	90	220
Stiffness (mN)	C direction		6	6	50	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.



## Curious Collection. Metallics

Common attributes		Test method	120gsm	170gsm	240gsm	250gsm	300gsm
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 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	207	287	-	-
	All other colours		166	-	-	339	416
Ice Gold Opacity (%)	ISO 2471		95,5	97,5	-	-	-
Bendtsen roughness (ml/min) T/S							
	Cryogen White/Europa Ivory/Virtual Pearl	ISO 2494	272	233	269	-	-
	All other colours		510	-	-	674	756
Bendtsen roughness (ml/min) W/S							
	Cryogen White/Europa Ivory/Virtual Pearl	ISO 2494	287	196	285	-	-
	All other colours		570	-	-	728	810
Stiffness (mN)	M direction		10,5	19,7	59	73	131
Stiffness (mN)	C direction	ISO 2493	5,8	9,7	28,7	37	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.



## Curious Collection.

### Metallics 100% Recycled

Common attributes	Test method	120gsm	300gsm
Wood pulp & bleach type		100% Recycled Pulp	
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), Blind Embossing, (Hot Foiling, Die Stamping) - image & paper texture depending	
Mono laser guaranteed		Yes	No
Colour laser guaranteed		Yes	No
Mono ink jet guaranteed		Yes	Yes
Colour ink jet guaranteed		Yes	Yes
Recommended pH of fount solution		5,5 +/- 0,5	
Surface pH	TAPPI 529OM	7,0	
Non aging credentials	ISO 9706	All grades	
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	6,5
Relative humidity (%)	TAPPI T502	40 - 60	40 - 60
Calliper (µm)	ISO 534	166	416
Ice Gold Opacity (%)	ISO 2471	95,5	-
Bendtsen roughness (ml/min) T/S	ISO 2494	510	
Bendtsen roughness (ml/min) W/S	ISO 2494	570	810
Taber Stiffness (mN) M direction	ISO 2493	8,3	110
Stiffness (mN) C direction		4,3	56,7

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.



# Curious Collection.

## Skin

Common attributes	Test method	135g	270g	380g	
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC Certified			
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	45			
Calliper (µm)	ISO 534	135	300	415	
Extra White Opacity (%)	ISO 2471	95,5	-	-	
Bekk Smoothness (Bekk sec)	ISO 5627	50	60	60	
Stiffness (mN)	M direction	ISO 2493	20	160	410
Stiffness (mN)	C direction		14	80	210

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

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.



# Curious Collection®

## Touch

Common attributes		Test method	120g	300g
Wood pulp & bleach type			ECF Woodfree Virgin Pulp - FSC Certified	
Printing process suitability			Litho, Silk Screen, Dry Offset (Toray), Embossing, Hot Foiling, Die Stamping-image & paper texture depending	
Mono laser guaranteed*			No	
Colour laser guaranteed			No	
Mono ink jet guaranteed*			Trial	
Colour ink jet guaranteed			No	
Recommended pH of fount solution			5.5 +/- 0.5	
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	>150	>375
Milk opacity (%)		ISO 2471	92	-
Kodak Stiffness (mN)	M direction	ISO 2493	0,55	11,78
	C direction		0,26	5,8

\*Curious Touch papers are inkjet compatible upon tests. They are not laser guaranteed.

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.



## Curious Collection. Translucents

Common attributes	Test method	82g	92g	100g	102g	112g	140g	180g	200g	230g	
Wood pulp & bleach type		ECF Woodfree Virgin Pulp - FSC Certified									
Food compatible		Yes									
Printing process suitability		Litho, Silk Screen, Dry Offset (Toray), HSWO, Blind Embossing, Hot Foiling, Die Stamping, Flexography									
Mono laser guaranteed		Trial				No					
Colour laser guaranteed		Trial				No					
Mono ink jet guaranteed*		Trial							No		
Colour ink jet guaranteed		Trial							No		
Recommended pH of fount solution		5.5 +/- 0.5									
Surface pH	TAPPI 529OM	6.5-8.5							6-8		
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						7.2-8.4		7.5-8.5	
Relative humidity (%)	TAPPI T502	40-50						43-53		45-55	

### Clear

Caliper (µm)	ISO 534	67-77	73-82	-	82-90	87-97	105-115	136-146	-	166-184
Clear opacity (%)	ISO 2471	24-30	26-32	-	27-33	30-35	30-33.5	33.5-36	-	36-40
Bendtsen roughness (ml/min)	ISO 8791-2	100-280	100-280	-	100-280	100-280	120-390	260-660	-	300-750

### Colours

Caliper (µm)	ISO 534	-	-	82-90	-	-	-	-	148-162	-
Clear opacity (%)	ISO 2471	-	-	28-54	-	-	-	-	35-70	-
Bendtsen roughness (ml/min)	ISO 8791-2	-	-	100-280	-	-	-	-	300-700	-

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 texture.

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

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

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.



# Curious Collection®

## Cosmic

Common attributes		Test method	360g side 1 Coloured side	360g side 2 White side
Wood pulp & bleach type			ECF Woodfree Virgin Pulp - FSC Certified	
Printing process suitability			Litho, Silk Screen, varnishing, Blind Embossing, (Hot Foiling, Die Stamping) - image & paper texture depending. Excellent folding and creasing abilities	
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	
Environmental label		ISO 14001	All Paper Mills have ISO 14001	
Quality management		ISO 9002	All Paper Mills have ISO 9001	
Moisture content (%)		ISO 287	6	
Relative humidity (%)		TAPPI T502	40 - 60	
Caliper (µm)		ISO 534	350	
Bekk Smoothness (Bekk sec)		ISO 5627	700	50
Stiffness (mN)	M direction	ISO 2493	2100	
Stiffness (mN)	C direction		1100	

\*Curious Cosmic is NOT inkjet or laser guaranteed.

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.

