

Technical Data Sheet

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Keaykolour<sup>®</sup>

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Common attributes	Test method	90g	100g	120g	170g	250g	300g	350g	450g	
Wood pulp & bleach type		ECF Woodfree Virgin Pulp, FSC certified, 100% FSC Recycled Post Consumer Fibre								
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		No								
Mono ink jet guaranteed		Yes		No						
Colour ink jet guaranteed		Yes		No						
Recommended pH of fount solution (Offset)		5.5 +/- 0.5								
Surface pH	TAPPI 5290M	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	7,0								
Relative humidity (%)	Rich Colours	TAPPI T412	30 - 50							
	Other Colours	TAPPI T502	40 - 60							
Caliper (µm) (+/-10% up to 300g, and +/-5% for boards > 300g)	Rich Colours	TAPPI T411	-	-	165	-	-	415	-	-
	Whites		-	-	175	245	350	400	465	600
	Parchments	ISO 534	125	-	170	245	355	415	-	-
	Other Colours			145	175	255	370	440	515	670
Bendtsen roughness (ml/min) (+/-35%)	Rich Colours	TAPPI T538	-	-	500	-	-	1000	-	-
	Whites		-	-	750	750	750	750	750	750
	Parchments	ISO 2494	1200	-	1200	1200	1300	-	-	-
	Other Colours			1000	1000	1150	1150	1150	1150	1150
Stiffness (gr - cm)	Rich Colours									
	M direction	TAPPI T489	-	-	12 - 20	-	-	220 - 440	-	-
	C direction		-	-	5 - 17	-	-	80 - 280	-	-
Stiffness (mN)	Whites									
	M direction	ISO 2493	-	-	15	45	160	265		
	C direction		-	-	10	25	80	110		
Stiffness (mN)	Other colours / Parchments									
	M direction	ISO 2493	-	-	30	-	180	320	-	
	C direction		-	-	15	-	80	135	-	

Please note:

- Rich Colours: Albatross, Atoll, Blackberry, Cappuccino, Caribbean Blue, Carmine, Chili Pepper, Cobblestone, Coral, Indian Yellow, Kiwi, Lichen, Lipstick, Matcha Tea, Meadow, Old Rose, Orchid, Port Wine, Prune, Pumpkin, Rosebud, Sequoia
- Other colours: Azure, Baltic Sea, Basalt, Biscuit, Camel, Chalk, China White, Deep Black, Grey Fog, Guardsman Red, Holly, Navy Blue, Particles Moonlight, Particles Snow, Particles Sunshine, Pastel Blue, Pastel Green, Pastel Pink, Royal Blue, Seal, Sombre Grey, Steel
- Whites: Snow White, Pure White
- Parchments: Parchment Natural, Parchment Grey

\*Deep Black do not contain Carbon Black and is very resistant to light (ISO 105-BO)

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.

Digital

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# Keaycolour

## Liquid Toner (i-Tone®)

Common attributes	Test method	250g	300g
Wood pulp & bleach type		EC F Woodfree Virgin Pulp, FSC certified 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	
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		-	400
Parchment Natural		350	-
China White, Guardsman Red, Navy Blue	ISO 534	375	450
Camel 100% Recycled		-	413
Chalk 100% Recycled		-	417
Bendtsen roughness (ml/min)			
Snow White / Pure White		750	750
Parchment Natural		1200	-
China White, Guardsman Red, Navy Blue	ISO 2494	1150	1150
Camel 100% Recycled		-	1150
Chalk 100% Recycled			1200
Stiffness (mN)			
M direction	ISO 2493	160	266
C direction		80	109

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Certified for  
HP Indigo

# Keaycolour

## 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	ISO 534	350
	Parchment Natural		350
Bendtsen roughness (ml/min)			
	Snow White / Pure White	ISO 2494	750
	Parchment Natural		1200
Stiffness (mN)			
	M direction	ISO 2493	160
	C direction		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.

