



Olin Origins est une gamme de teintes contemporaines à l'allure naturelle. A l'aspect organique et rugueux. Il convient parfaitement à toutes sortes d'applications (papeterie, invitations, menus, édition, emballage) et plusieurs techniques d'impression.

La gamme Olin Origins est membre de 1% for the Planet et consacre donc 1% de son chiffre d'affaires à des organisations environnementales à but non lucratif.

Guide d'impression

Applications

Communication d'entreprise, rapports annuels, cartes de visite, papier à en-tête, bons de commande, programmes, invitations, dépliants, notices pharmaceutiques, chemises, livres, emballages de luxe...

Préparation

Stocker à température ambiante (17-23°C), à une humidité relative de 50%, de 24 à 48 heures avant utilisation. Protéger le papier contre tout risque d'humidité pendant toute la durée du processus. En particulier, ne déballer le papier qu'au dernier moment avant l'impression et le remballer immédiatement après le tirage. Ne pas utiliser de poudre d'accrochage lors de l'impression.

Pre-press

Grande surface d'impression : pas de décoloration nécessaire. Couleurs intenses : Noir (support bleu (40%) recommandé), Couleurs (une ou plusieurs couleurs de support recommandées). Réglementation de l'écran : 150-163

Impression

Olin Origins convient à la lithographie et à la sérigraphie. Olin Origins 120g convient à l'impression laser pour les petits et moyens tirages (l'utilisation d'encre appropriée est recommandée) et convient parfaitement à la pré-impression (l'utilisation d'encre appropriée compatible avec le laser est recommandée).

Finition et conversion

- Gaufrage et estampage : toutes les techniques peuvent être utilisées.
- Dorure à chaud : aucune précaution n'est nécessaire lors de l'utilisation des techniques de dorure conventionnelles.
- Les bloqueurs de feuilles peuvent recommander la feuille la mieux adaptée à l'image et au papier choisis.- Vernissage : possible, mais des essais doivent être effectués au préalable.
- Laminage : non recommandé.- Rainurage : à partir de 120 g, rainurage avec la contrepartie
- Découpe : il est recommandé d'attendre 24 heures après l'impression.
- Veiller à ce que la lame de la guillotine soit suffisamment affûtée afin d'éviter les dépôts de poussières.

Technologies digitales

Olin Origins convient pour le toner sec et Olin Origins Digital pour HP Indigo convient pour HP Indigo.



CREATIVE
POWER

by antalis



Dry Toner®

Certified for
HP Indigo

Propriété & unité	Standard	Tolerance		
GSM (gm²)	ISO 536	± 5%	120	320
Rugosité (m/min)	ISO 8791-2	± 5%	800	900
Epaisseur (µm)	ISO 534	± 5%	168	438
Rigidité MD (mN)			NA	>280
Rigidité CD (mN)			NA	>110
Masse (cm³/g)	ISO 534		1.4	1.37
Blancheur CIE (Chalk) (%)	ISO 11475	± 5%	105	105
COBB 60 sec Coté recto (g/m²)	ISO 535	± 5%	30	30
COBB 60 sec Coté verso (g/m²)	ISO 535	± 5%	30	30
Teneur en humidité (%)	ISO 287	1.0	6.5	6.5

Lave Stone ne contient pas de carbone, ce qui garantit l'absence d'oxydation après le marquage à chaud.
Veuillez noter que Pebble et Cereal ont un niveau inférieur de solidité à la lumière (ISO 105-B05).

Ces valeurs ne doivent être considérées que comme des indications et sont susceptibles d'être modifiées en fonction des tolérances commerciales indiquées dans la spécification de qualité.
Date d'émission : août 2024



CREATIVE
POWER
by antalis



Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Chalk
Product Category	Uncoated
Grammage (gsm)/Basis weight (#)	120 gsm
Microns/Caliper	168 microns
Certification Number	SG7600-21-081-B
Certification Center	HP Singapore
Date of Evaluation	15 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot
Evaluation Process	Full

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			***	
White Ink Recommended		-		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Chalk
Product Category	Uncoated
Grammage (gsm)/Basis weight (#)	320 gsm
Microns/Caliper	438 microns
Certification Number	SG7600-21-082-B
Certification Center	HP Singapore
Date of Evaluation	15 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot / thick substrate
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot / thick substrate
Evaluation Process	Full

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			**	See comment †
Simplex	Number of Jams	1		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			***	
White Ink Recommended		-		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

Comment Detail: _____

† This product is susceptible to scratching during the print process. The substrate needs to be evaluated by the Customer for their applications, deep scratches may occur. Clean the transport path for any small particles that may cause the scratch.

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Cereals
Product Category	Uncoated, cream
Grammage (gsm)/Basis weight (#)	120 gsm
Microns/Caliper	168 microns
Certification Number	SG7600-21-083-B
Certification Center	HP Singapore
Date of Evaluation	16 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot / white ink
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot / white ink
Evaluation Process	Specialty (multi-shot) with Premium White

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			***	
White Ink Recommended		PASS		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

Comment Detail: _____
This certification is for use with Premium White ink.
Recommended set points : 2 hits of Premium White
Dry cycles (2) if separation not last and (2) if separation is last

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Cereals
Product Category	Uncoated, cream
Grammage (gsm)/Basis weight (#)	320 gsm
Microns/Caliper	438 microns
Certification Number	SG7600-21-084-B
Certification Center	HP Singapore
Date of Evaluation	16 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot / white ink / thick substrate
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot / white ink / thick substrate
Evaluation Process	Specialty (multi-shot) with Premium White

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			**	See comment †
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			***	
White Ink Recommended		PASS		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

Comment Detail: _____

This certification is for use with Premium White ink.

Recommended set points : 2 hits of Premium White

Dry cycles (2) if separation not last and (2) if separation is last

† This product is susceptible to scratching during the print process. The substrate needs to be evaluated by the Customer for their applications, deep scratches may occur. Clean the transport path for any small particles that may cause the scratch.

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Pebble
Product Category	Uncoated, grey
Grammage (gsm)/Basis weight (#)	120 gsm
Microns/Caliper	168 microns
Certification Number	SG7600-21-085-B
Certification Center	HP Singapore
Date of Evaluation	21 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot / white ink
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot / white ink
Evaluation Process	Specialty (multi-shot) with Premium White

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			**	
White Ink Recommended		PASS		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

Comment Detail: _____

This certification is for use with Premium White ink.

Recommended set points : 2 hits of Premium White

Dry cycles (2) if separation not last and (2) if separation is last

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Pebble
Product Category	Uncoated, grey
Grammage (gsm)/Basis weight (#)	320 gsm
Microns/Caliper	438 microns
Certification Number	SG7600-21-086-B
Certification Center	HP Singapore
Date of Evaluation	21 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot / white ink / thick substrate
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot / white ink / thick substrate
Evaluation Process	Specialty (multi-shot) with Premium White

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			**	See comment †
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			***	
White Ink Recommended		PASS		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

Comment Detail: _____

This certification is for use with Premium White ink.

Recommended set points : 2 hits of Premium White

Dry cycles (2) if separation not last and (2) if separation is last

† This product is susceptible to scratching during the print process. The substrate needs to be evaluated by the Customer for their applications, deep scratches may occur. Clean the transport path for any small particles that may cause the scratch.

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Indigo
Product Category	Uncoated, blue
Grammage (gsm)/Basis weight (#)	120 gsm
Microns/Caliper	168 microns
Certification Number	SG7600-21-087-B
Certification Center	HP Singapore
Date of Evaluation	22 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot / white ink
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot / white ink
Evaluation Process	Specialty (multi-shot) with Premium White

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			***	
White Ink Recommended		PASS		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

Comment Detail: _____

This certification is for use with Premium White ink.

Recommended set points : 2 hits of Premium White

Dry cycles (2) if separation not last and (2) if separation is last

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Indigo
Product Category	Uncoated, blue
Grammage (gsm)/Basis weight (#)	320 gsm
Microns/Caliper	438 microns
Certification Number	SG7600-21-088-B
Certification Center	HP Singapore
Date of Evaluation	22 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot / white ink / thick substrate
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot / white ink / thick substrate
Evaluation Process	Specialty (multi-shot) with Premium White

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			**	See comment †
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			***	
White Ink Recommended		PASS		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

Comment Detail: _____
 This certification is for use with Premium White ink.
 Recommended set points : 2 hits of Premium White

 Dry cycles (2) if separation not last and (2) if separation is last

† This product is susceptible to scratching during the print process. The substrate needs to be evaluated by the Customer for their applications, deep scratches may occur. Clean the transport path for any small particles that may cause the scratch.

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Lava Stone
Product Category	Uncoated, black
Grammage (gsm)/Basis weight (#)	120 gsm
Microns/Caliper	168 microns
Certification Number	SG7600-21-089-B
Certification Center	HP Singapore
Date of Evaluation	21 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot / white ink
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot / white ink
Evaluation Process	Specialty (multi-shot) with Premium White

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			***	
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			**	
White Ink Recommended		PASS		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

Comment Detail: _____
This certification is for use with Premium White ink.
Recommended set points : 2 hits of Premium White
Dry cycles (2) if separation not last and (2) if separation is last

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

Supplier Contact Information	
Supplier Name	
Supplier Address	
Supplier Country	
Product Name	Olin Origins Lava Stone
Product Category	Uncoated, black
Grammage (gsm)/Basis weight (#)	320 gsm
Microns/Caliper	438 microns
Certification Number	SG7600-21-090-B
Certification Center	HP Singapore
Date of Evaluation	22 Sep 2021
Evaluated on	HP Indigo 7600 multi-shot / white ink / thick substrate
Certified for	HP Indigo 12000 / 7000 / 5000 series / multi-shot / white ink / thick substrate
Evaluation Process	Specialty (multi-shot) with Premium White

Evaluation	Measure	Result	Grade (stars)	Comments
Runability			**	See comment †
Simplex	Number of Jams	0		
Duplex	Number of Jams	0		
Fixing			***	
Peeling	100% K in 4 color mode, % ink remaining	100%		
	400% YMCK 100% each color, Visual Damage	-		
Blanket Compatibility			**	
White Ink Recommended		PASS		
Color Registration	CPR quality job	PASS		
Evaluation Result		PASS		

Comment Detail: _____

This certification is for use with Premium White ink.

Recommended set points : 2 hits of Premium White

Dry cycles (2) if separation not last and (2) if separation is last

† This product is susceptible to scratching during the print process. The substrate needs to be evaluated by the Customer for their applications, deep scratches may occur. Clean the transport path for any small particles that may cause the scratch.

CREATIVE
POWER

by antalis

Dry Toner®

Certified for
HP Indigo

The substrate certification procedure incorporates several processes. This checks for:

Runability:

The ability of the substrate to run smoothly through the press in various print modes.

Fixing:

Ink-substrate interaction as determined by the degree of ink adhesion to the substrate for standard and photo-related applications as measured in a tape peel test of the image.

Blanket Compatibility:

Blanket-substrate interaction as determined by:

- 1) Ink-transferability, which is the quality of ink transfer from the blanket to the substrate as reflected in highlight dots, thin lines, heavy images and image edge integrity;
- 2) Ink-transferability after a self-cleaning procedure “cleaner pages” (intended to clean the blanket’s release layer and restore transfer performance) has been performed.

Approval for Photo and White Ink Applications:

Applications that use white ink and or light cyan/light magenta inks or photo related applications are strongly recommended to use robust media products due to additional ink coverage demands of these applications. This media has been tested and approved to perform well with higher levels of ink coverage, and is therefore recommended for photo-related and/or white ink type applications. However, it is strongly recommended that user acceptance ultimately be evaluated per individual application and finishing requirements, etc. The test results are provided as a guide; assess actual performance to determine suitability for individual use.

Star Rating

- ☆☆☆ Best performing substrate: excellent runnability / high ink adhesion / excellent blanket performance with no or very little issues, should generally work well for high coverage and photo applications.
- ☆☆ Recommended substrate: good runnability / good ink adhesion / print cleaners are generally required at a nominal frequency.
- ☆ Good substrate: acceptable runnability / acceptable ink adhesion / print cleaners are generally required more frequently.

		☆☆☆	☆☆	☆
	Measurement	Best-performing substrate	Recommended substrate	Good substrate
Transport	Runnability	No jam and minor issues	1 jam or minor issues	1 jam and minor issues
	Peeling: 100% K	>90%	>80%	>80% at one hour
	Photo peeling: 290% K, 10 or 60 minutes	>80% after 10 or 60 min	N/A	N/A
Blanket Compatibility	Performance evaluated when utilizing a mature blanket Blanket performance	No transfer defects and no Picking above the limit is allowed	Cleaner pages were able to remove all Transfer defect and reduce the picking to below the limit	After cleaning small transfer defects and picking are still visible

Certification Validity

This substrate is certified for the next two years from the date of evaluation, provided there is no change to the paper properties or production processes. At the end of two years from the original evaluation date, if there have been no changes in paper properties or production processes, the certification can be extended for another two years. After four years from the original certification date, a new certification is required.

CREATIVE
POWER

by antalis