OLIN COLOURS

OLIN Colours is a brand new range of mass-dyed papers and boards that offers the hues of Pop'set with the elegance and quality of Olin. The range is perfect to respond to all your needs, from invitations to posters through fancy mailings or packaging. It is also FSC® and ECF certified.

OLIN Colours is available in various weights and sizes, with its 26 colours, it is the indispensable tool for all your creative projects.

COLOURS CATEGORIES

WHITE   Brillant White

PASTEL   Baby Blue, Baby Pink, Cloud, Grey, Ivory, Light Blue, Oyster, Spring Green, Storm Grey, Vanilla

BRIGHT   Blush, Californian Blue, Cherry, Citrus Yellow, Fawn, Old gold, Orange, Pistachio, Poppy, Sunshine Yellow

DARK   Cobalt , Hot Brown, Jungle Green, Urban Grey

BLACK   Black

OLIN COLOURS

PRINTING GUIDELINES

Olin Colours papers and boards give excellent printing and finishing results with all major processes including: offset, screen printing, embossing, punching, die-cutting and UV varnishing.

Design and pre press

For the offset printing process, a screen value of 150-175 lpi is recommended. Finer screens up to a maximum of 200 lpi can also give very good results with careful ink density control. For heavier graphic elements and higher densities, under colour removal may be required and sufficient powder should be applied. Aim for a total ink film weight of 260%.

Printing and handling

To ensure good drying, the papers should be printed with good quality semi-fresh inks. UV inks may also be used. To help avoid marking and set-off when printing multiple colours, 35 micron anti set-off spray for boards and 20 micron for paper weights are recommended. Make small sheet pallets and allow at least 24 hours after printing and minimise stacking.

Finishing

Prescoring is recommended for board weights and when folding against the grain direction. For best results, a creasing rule and matrix system should be used. All finishes in the range can be foil stamped.

Hot foil stamping

All finishes in the range can be foil stamped. Olin Colours Black is also completely free of carbon black, making it perfect for foil blocking.

Copy, Laser and Inkjet printing

Olin Colours, is suitable for copy, laser and inkjet printing until 170gsm and also in 240gsm (depending on machines). For higher weight the thickness and the rigidity could compromise the printing machines. We suggest to check the technical limitation with the printer. We underline that Olin Colours are not specifically produced for these kind of printing techniques, for example they have no additional treatments.

Digital technologies

Olin Colours is suitable for Dry Toner and Olin Colours Digital Black is suitable for HP Indigo.

Due to its intense shade, applications of Olin Colours Black that could be in direct contact with water could result in colour bleeding, a protective varnish is recommended.

ISO 14001   ISO 9001   ECF

pH NEUTRAL   FSC MIX Paper from responsible sources FSC® C101533

OLIN COLOURS WHITE

Technical Specifications

Property & Unit	Standard					
Weight gsm	ISO 536	**120**	**170**	**240**	**320**	**400**
Thickness (μm)	ISO 534	153	205	273	368	472
Bulk (cm3 /g)	ISO 534	1.28	1.21	1.14	1.15	1.18
Roughness felt side (ml/min)	ISO 8791-2	200	200	200	200	200
Roughness wire side ml/min)	ISO 8791-2	200	200	200	200	200
Cobb 60 sec felt side (g/m2)	ISO 535	40	40	40	40	40
Cobb 60 sec wire side (g/m2)	ISO 535	40	40	40	40	40
Absolute Humidity (%)	ISO 287	6.0	6.5	7.0	7.0	7.0
Whiteness CIE	ISO 11475	Custom				

ISO 14001 ISO 9001 ECF

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OLIN COLOURS PASTEL / BRIGHT

Technical Specifications

Property & Unit	Standard							
Weight gsm	ISO 536	**80**	**90**	**120**	**170**	**240**	**320**	**400**
Thickness (μm)	ISO 534	99	116	153	205	273	368	472
Bulk (cm3 /g)	ISO 534	1.24	1.29	1.28	1.21	1.14	1.15	1.18
Roughness felt side (ml/min)	ISO 8791-2	200	200	200	200	200	200	200
Roughness wire side ml/min)	ISO 8791-2	200	200	200	200	200	200	200
Cobb 60 sec felt side (g/m2)	ISO 535	35	35	35	40	40	40	40
Cobb 60 sec wire side (g/m2)	ISO 535	35	35	35	40	40	40	40
Absolute Humidity (%)	ISO 287	5.0	6.0	6.0	6.5	7.0	7.0	7.0

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OLIN COLOURS DARK

Technical Specifications

Property & Unit	Standard						
Weight gsm	ISO 536	90	120	170	240	320	400
Thickness (µm)	ISO 534	117	153	205	288	390	490
Bulk (cm3 /g)	ISO 534	1.30	1.28	1.21	1.20	1.22	1.23
Roughness felt side (ml/min)	ISO 8791-2	240	240	240	240	240	240
Roughness wire side ml/min)	ISO 8791-2	240	240	240	240	240	240
Cobb 60 sec felt side (g/m2)	ISO 535	35	35	40	40	40	40
Cobb 60 sec wire side (g/m2)	ISO 535	35	35	40	40	40	40
Absolute Humidity (%)	ISO 287	6.5	6.0	7.0	7.0	7.0	7.0

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OLIN COLOURS BLACK

Technical Specifications

Property & Unit	Standard									
Weight gsm	ISO 536	**80**	**90**	**120**	**170**	**240**	**320**	**400**	**500**	**700**
Thickness (µm)	ISO 534	100	120	155	208	295	390	495	610	854
Bulk (cm3 /g)	ISO 534	1.25	1.33	1.29	1.22	1.23	1.22	1.24	1.22	1.22
Roughness felt side (ml/min)	ISO 8791-2	260±50	260±50	260±50	260±50	260±50	260±50	280±50	400±100	400±100
Roughness wire side ml/min)	ISO 8791-2	260±50	260±50	260±50	260±50	260±50	260±50	280±50	400±100	400±100
Cobb 60 sec felt side (g/m2)	ISO 535	35	35	35	40	40	40	40	n.d.	n.d.
Cobb 60 sec wire side (g/m2)	ISO 535	35	35	35	40	40	40	40	n.d.	n.d.
Absolute Humidity (%)	ISO 287	6.8	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0

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