



March 2023

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 ideal for all your needs, from invitations and posters through to fancy mailings or packaging. It is also FSC® and ECF certified.

OLIN Colours is available in various weights and sizes and, with its 26 colours, the range is a go-to 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



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Printing Guidelines

Inks

To ensure good drying, the papers should be printed with good quality semi-fresh inks.

Blankets

For a good graphic impression, use multipurpose compressible blankets

Screens

For the offset printing process, a screen value of 150-175 lpi is recommended. For heavier graphic elements and higher densities, sufficient powder should be applied.

Drying time

Make small sheet pallets and allow at least 24 hours during the time after printing.

Finishing

Prescoring is recommended for board weights and when folding against the grain direction.

Printability and runnability

Every method of printing, embossing, punching, die cutting, laminating and UV varnishing is possible

Hot-foil stamping

Olin Colours black does not contain carbon black, you can use it for hot-foil stamping as for the rest of the range without any risk of oxidation.

Note

Due to its hygroscopic nature, paper can show curl issues if not conditioned properly. To avoid any issue, we recommend to store the paper closed in its original wrap inside the printing area for at least 24-28 hours. After this conditioning time, the wrapping can be open and the paper can be utilized.



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| Property & Unit | Standard | | | | | |
|---|------------|--------|------|------|------|------|
| GSM | ISO 536 | 120 | 170 | 240 | 320 | 400 |
| Thickness (µm) | ISO 534 | 153 | 205 | 273 | 368 | 472 |
| Bulk (cm ³ /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/m ²) | ISO 535 | 35 | 40 | 40 | 40 | 40 |
| Cobb 60 sec wire side (g/m ²) | ISO 535 | 35 | 40 | 40 | 40 | 40 |
| Absolute Humidity (%) | ISO 287 | 6.0 | 6.5 | 7.0 | 7.0 | 7.0 |
| Whiteness CIE | ISO 11475 | custom | | | | |

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: March 2023



| Property & Unit | Standard | | | | | | | |
|---|------------|------|------|------|------|------|------|------|
| GSM | ISO 536 | 80 | 90 | 120 | 170 | 240 | 320 | 400 |
| Thickness (µm) | ISO 534 | 99 | 116 | 153 | 205 | 273 | 368 | 472 |
| Bulk (cm ³ /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/m ²) | ISO 535 | 35 | 35 | 35 | 40 | 40 | 40 | 40 |
| Cobb 60 sec wire side (g/m ²) | 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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| Property & Unit | Standard | | | | | | |
|---|------------|------|------|------|------|------|------|
| GSM | ISO 536 | 90 | 120 | 170 | 240 | 320 | 400 |
| Thickness (µm) | ISO 534 | 117 | 153 | 205 | 288 | 390 | 490 |
| Bulk (cm ³ /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/m ²) | ISO 535 | 35 | 35 | 40 | 40 | 40 | 40 |
| Cobb 60 sec wire side (g/m ²) | 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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| Property & Unit | Standard | | | | | | | | | |
|---|------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| 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 (cm ³ /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/m ²) | ISO 535 | 35 | 35 | 35 | 40 | 40 | 40 | 40 | n.d. | n.d. |
| Cobb 60 sec wire side (g/m ²) | 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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