

OLIN

DESIGN

OLIN Design is a comprehensive range of premium uncoated papers and boards that offers perfect colour reproduction with a range of coordinated envelopes. The range is FSC® certified and available in 39 countries.

The Regular range offers 5 shades and 16 different weights to cover all the market needs from pharmaceutical notices to invitations, publishing and luxury packaging.

OLIN REGULAR

| | | Tolerance | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 130 | 150 | 170 | 200 | 224 | 250 | 300 | 350 | 400 |
|----------------|---------------|-----------|--------|-----|-----|------|------|-----|------|------|------|-----|------|------|------|------|------|------|
| GSM | ISO 536 | +/- 5% | | | | | | | | | | | | | | | | |
| Roughness | ISO 2494 | +/- 100 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 |
| Thickness | ISO 534 | +/- 5% | 70 | 80 | 91 | 106 | 120 | 130 | 150 | 165 | 190 | 204 | 240 | 269 | 300 | 345 | 403 | 460 |
| Bulk | ISO 534 | | 1,4 | 1,3 | 1,3 | 1,33 | 1,33 | 1,3 | 1,25 | 1,27 | 1,27 | 1,2 | 1,2 | 1,2 | 1,2 | 1,15 | 1,15 | 1,15 |
| Surface pH | | | ≈ 7.5 | | | | | | | | | | | | | | | |
| Absolute white | L | +/- 0,8 | 94,24 | | | | | | | | | | | | | | | |
| | A | +/- 0,4 | 4,2 | | | | | | | | | | | | | | | |
| | b | +/- 0,8 | -17,58 | | | | | | | | | | | | | | | |
| | Whiteness CIE | | 165 | | | | | | | | | | | | | | | |
| | Opacity | +/- 3 | 85 | 90 | 92 | 93,5 | 94 | 95 | 96 | 97 | 98 | 99 | 99,5 | 99,5 | 99,5 | 99,5 | 99,5 | 99,5 |
| High white | L | +/- 0,8 | 96,3 | | | | | | | | | | | | | | | |
| | a | +/- 0,4 | 3,2 | | | | | | | | | | | | | | | |
| | b | +/- 0,8 | 13,2 | | | | | | | | | | | | | | | |
| | Whiteness CIE | | 145 | | | | | | | | | | | | | | | |
| | Opacity | +/- 3 | | | | 89,5 | 91,5 | 93 | 94,5 | 95 | 95,5 | 97 | 99 | 99 | 99,5 | 99,5 | 99,5 | 99,5 |
| Natural white | L | +/- 0,8 | 97,54 | | | | | | | | | | | | | | | |
| | a | +/- 0,4 | -0,13 | | | | | | | | | | | | | | | |
| | b | +/- 0,8 | 3,34 | | | | | | | | | | | | | | | |
| | Whiteness CIE | | 80 | | | | | | | | | | | | | | | |
| | Opacity | +/- 3 | | | | 85 | 87 | 90 | 91 | | 93 | 97 | 99,5 | 99,5 | 99,5 | 99,5 | 99,5 | 99,5 |
| Cream | L | +/- 0,8 | 97,02 | | | | | | | | | | | | | | | |
| | a | +/- 0,4 | -1,12 | | | | | | | | | | | | | | | |
| | b | +/- 0,8 | 6,32 | | | | | | | | | | | | | | | |
| | Whiteness CIE | | 65 | | | | | | | | | | | | | | | |
| | Opacity | +/- 3 | | | | 85 | 87 | 90 | 91 | | 93 | 97 | 99,5 | 99,5 | 99,5 | 99,5 | 99,5 | 99,5 |
| Ivory | L | +/- 0,8 | 94,27 | | | | | | | | | | | | | | | |
| | a | +/- 0,4 | 2,1 | | | | | | | | | | | | | | | |
| | b | +/- 0,8 | 12,6 | | | | | | | | | | | | | | | |
| | Whiteness CIE | | 30 | | | | | | | | | | | | | | | |
| | Opacity | | | | | 89 | 90 | | 92 | | | 97 | | | | 99,5 | 99,5 | 99,5 |

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: December 2021

