

### Description:

Condat 2 side coated woodfree paper with an ultra-smooth, highly resistant surface.

A strong silk paper for sumptuous inks and pure deep whites: Condat silk combined the best of two worlds to achieve superlative contrast. It is the perfect paper when strength, an ultra-smooth surface finish, vibrant colours and lustrous whites are needed.

Good printability and excellent dot definition.

Available in a wide range of substances and formats, in sheets and reels.

### End uses:

Books, Brochures, Catalogues, Covers, Direct mail, Folders, Inserts, Packaging, Postcards

### Print methods:

Flexo, Laser/Dry toner, Offset, Rotogravure

### Certificates:

- [Safety Data Sheet - Condat](#)
- [Elemental Chlorine Free \(ECF\) - Coated paper](#)
- [Declaration of Biodegradability \(EN 13432-2000\) - Coated paper](#)
- [Packaging and Packaging Waste \(EN 13427\) - Coated Silk](#)
- [Sensory Analysis \(EN 1230\) - Coated Silk](#)
- [Safety of Toys \(EN 71-3\) - Coated Silk](#)
- [Food Contact \(XXXVI BfR\) - Coated Silk](#)
- [Printed Paper Optical Properties \(DIN ISO 12647-2\)- Coated Silk](#)
- [FSC Chain of Custody \(multisite\)](#)
- [PEFC Chain of Custody \(multisite\)](#)
- [EMAS Condat mill](#)
- [ISO 14001](#)
- [ISO 50001 Energy Efficiency](#)
- [ISO 9001 Quality](#)
- [OHSAS 18001 \(multisite\)](#)

### Technical specifications

| Property          | Test Method              | Unit               | Tolerance | 90    | 100   | 110   | 115   | 130   | 135   | 150   | 170   | 200   | 225   | 250   | 275   | 300   | 350   | 380   | 400   |
|-------------------|--------------------------|--------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Substance         | ISO 536<br>TAPPI T410    | g/m <sup>2</sup>   | ±4%       | 90    | 100   | 110   | 115   | 130   | 135   | 150   | 170   | 200   | 225   | 250   | 275   | 300   | 350   | 380   | 400   |
| Thickness         | ISO 534<br>TAPPI T411    | µm                 | ±4%       | 80    | 86    | 97    | 100   | 111   | 115   | 131   | 152   | 181   | 210   | 239   | 270   | 299   | 358   | 394   | 420   |
| Bulk              | ISO 534<br>TAPPI T411    | cm <sup>3</sup> /g | -         | 0.89  | 0.86  | 0.88  | 0.87  | 0.85  | 0.85  | 0.87  | 0.89  | 0.91  | 0.93  | 0.96  | 0.98  | 1.00  | 1.02  | 1.04  | 1.05  |
| Opacity           | ISO 2471<br>TAPPI T519   | %                  | -2.0      | 92.0  | 93.0  | 94.0  | 95.0  | 96.0  | 96.0  | 97.0  | 97.5  | -     | -     | -     | -     | -     | -     | -     | -     |
| Whiteness D65/10° | ISO 11475                | CIE                | ±3        | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 |
| Parker roughness  | ISO 8791-4<br>TAPPI T555 | µm                 | ≤1.3*STD  | 2.7   | 2.5   | 2.5   | 2.4   | 1.9   | 1.9   | 1.9   | 1.9   | 1.9   | 1.9   | 1.9   | 1.9   | 1.9   | 2.1   | 2.1   | 2.1   |
| Relative humidity | TAPPI T502               | %                  | ±7        | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    |

### Storage recommendations

Ideally, the paper should be stocked in pressrooms conditioned to 50% (±5) relative humidity and 23°C (±2) temperature.

In any case, extremes of temperature and humidity must be avoided.

For food contact applications, the product properties, according to the specifications, are guaranteed for 12 months after the production date.

Values are subject to change without notice.

Last update: 04/29/2019