

## UPM SOL SILK

This paper gives your print work an opportunity to shine. UPM Sol is a premium grade with a modern, blue-white shade. Its high optical brightness adds contrasts and intensity to text and images.

### UPM SOL SILK:

|                                |   |
|--------------------------------|---|
| <b>Category</b>                | Sheet fed offset papers   |
| <b>Grade</b>                   | Coated mechanical   |
| <b>End use</b>                 | Books   Brochures   Catalogues   Direct mailing   Inserts   Magazines   Manuals   |
| <b>Finish</b>                  | Matt  |
| <b>Furnish</b>                 | Chemical pulp   Mechanical pulp   Recycled fibre pulp   |
| <b>Printing method</b>         | Sheet fed offset  |
| <b>Format/Size</b>             | Sheets  |
| <b>Certificates and labels</b> | BfR Food Certificate   EMAS   EU Ecolabel   FSC Chain-of-Custody   ISO 14001   ISO 50001   ISO 9001   OHSAS 18001   PEFC Chain-of-Custody |
| <b>Note</b>                    | FSC® and PEFC™ on request but subject to availability.  |

TECHNICAL TARGET VALUES:

|   |      |      |      |      |
|---|------|------|------|------|
| <b>Basis Weight (ISO 536) (g/m<sup>2</sup>)</b> | 60.0 | 70.0 | 80.0 | 90.0 |
| <b>Bulk (ISO 534) (cm<sup>3</sup>/g)</b>        | 0.90 | 0.90 | 0.90 | 0.90 |
| <b>Brightness D65 (ISO 2470-2) (%)</b>          | 89.0 | 91.0 | 93.0 | 93.0 |
| <b>L-value D65 (D65/10°) (ISO 5631-2)</b>       | 92.0 | 92.5 | 93.0 | 93.0 |
| <b>a-value D65 (D65/10°) (ISO 5631-2)</b>       | 0.7  | 0.7  | 0.9  | 0.9  |
| <b>b-value D65 (D65/10°) (ISO 5631-2)</b>       | -6.0 | -6.0 | -6.5 | -6.5 |
| <b>Opacity ISO (2471) (%)</b>                   | 90.0 | 94.0 | 96.0 | 97.0 |
| <b>Gloss Hunter (ISO 8254-1) (%)</b>            | 33.0 | 33.0 | 33.0 | 33.0 |
| <b>Gloss Lehmann (ISO 8254-2) (%)</b>           | 30.0 | 30.0 | 30.0 | 30.0 |
| <b>Smoothness PPS 10 (ISO 8791-4) (µm)</b>      | 1.5  | 1.5  | 1.5  | 1.5  |

Please note: Technical values are informative and subject to production variations.

PREPRESS GUIDELINES:

|  |                          |
|--|--------------------------|
| <b>CIE L*-value (D50/2°) WB</b>        | 94.0                     |
| <b>CIE a*-value (D50/2°) WB</b>        | 1.3                      |
| <b>CIE b*-value (D50/2°) WB</b>        | -2.2                     |
| <b>Max. Total Area (TAC%)</b>          | 300                      |
| <b>ICC Paper profile</b>               | ISOcoated_v2_300_eci.icc |
| <b>TVI Curve</b>                       | A(CMY), B(K)             |
| <b>AM Screen recommendation (l/cm)</b> | 60                       |
| <b>FM Screen recommendation (µm)</b>   | 25                       |
| <b>Measurement condition for D50</b>   | ISO 13655, M0; D50/2°    |
| <b>Measurement equipment</b>           | Techkon RS800            |