



## UPM COTE H

When you have to make large, good quality print runs, but still be cost-effective, you can't go wrong with UPM Cote. It's a balanced and competitive combination of optical properties with the widest basis weight range in the market.

### UPM COTE H :

|                                 |                                                                                                                                                    |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Category:</b>                | Heatset web offset papers                                                                                                                          |
| <b>Grade:</b>                   | Lightweight coated (LWC)                                                                                                                           |
| <b>End use:</b>                 | Advertising material, Catalogues, Direct mailing, Magazines                                                                                        |
| <b>Finish:</b>                  | Gloss                                                                                                                                              |
| <b>Furnish:</b>                 | Chemical pulp, Coating colour, Fillers, Mechanical pulp                                                                                            |
| <b>Printing Method:</b>         | Heatset web offset                                                                                                                                 |
| <b>Format/Size:</b>             | Reels                                                                                                                                              |
| <b>Reel Diameter (cm) :</b>     | 100.0 - 125.0                                                                                                                                      |
| <b>Reel Width (cm) :</b>        | 35.0 - 380.0                                                                                                                                       |
| <b>Core (mm):</b>               | 76.0 / 150.0                                                                                                                                       |
| <b>Wrapping:</b>                | Strong kraft paper, Strong moisture proof polyethylene laminated kraft paper                                                                       |
| <b>Certificates and Labels:</b> | EMAS, EU Ecolabel, FSC Chain-of-Custody, ISO 14001, ISO 50001, ISO 9001, OHSAS 18001, PEFC Chain-of-Custody                                        |
| <b>Note:</b>                    | Recycled fibre from Augsburg. PEFC™ and FSC® on request but subject to availability. Energy Management system ISO 50001 in place at Augsburg mill. |

## TECHNICAL TARGET VALUES

|                                                 |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>Basis Weight (ISO 536) (g/m<sup>2</sup>)</b> | 36.0 | 39.0 | 42.0 | 45.0 | 48.0 | 51.0 | 54.0 | 57.0 | 60.0 | 65.0 | 70.0 | 80.0 |
| <b>Bulk (ISO 534) (cm<sup>3</sup>/g)</b>        | 1.00 | 1.00 | 1.00 | 0.90 | 0.90 | 0.90 | 0.90 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |
| <b>Brightness D65 (ISO 2470-2) (%)</b>          | 67.0 | 68.0 | 69.0 | 70.0 | 70.0 | 71.0 | 72.0 | 73.0 | 74.0 | 75.0 | 78.0 | 78.0 |
| <b>L-value D65 (D65/10°) (ISO 5631-2)</b>       | 88.0 | 88.0 | 88.0 | 88.0 | 89.0 | 89.0 | 89.0 | 90.0 | 90.0 | 90.0 | 91.0 | 91.0 |
| <b>a-value D65 (D65/10°) (ISO 5631-2)</b>       | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 | -0.7 | -0.6 | 0.0  |
| <b>b-value D65 (D65/10°) (ISO 5631-2)</b>       | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 1.2  | 1.0  | 1.0  |
| <b>Opacity ISO (2471) (%)</b>                   | 86.0 | 86.0 | 87.0 | 89.0 | 89.0 | 90.0 | 91.0 | 92.0 | 92.0 | 93.0 | 94.0 | 95.0 |
| <b>Gloss Hunter (ISO 8254-1) (%)</b>            | 37.0 | 39.0 | 42.0 | 45.0 | 46.0 | 50.0 | 52.0 | 56.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| <b>Smoothness PPS 10 (ISO 8791-4) (µm)</b>      | 1.7  | 1.7  | 1.6  | 1.5  | 1.5  | 1.4  | 1.3  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  |

36 and 80 g/m<sup>2</sup> available upon request

## PREPRESS GUIDELINES

|                                        |                          |
|----------------------------------------|--------------------------|
| <b>CIE L*-value (D50/2°) WB</b>        | 91.2                     |
| <b>CIE a*-value (D50/2°) WB</b>        | 0.1                      |
| <b>CIE b*-value (D50/2°) WB</b>        | 2.4                      |
| <b>Max. Total Area (TAC%)</b>          | 300                      |
| <b>ICC Paper profile</b>               | PSO_LWC_Standard.eci.icc |
| <b>Characterisation data</b>           | FOGRA46L.txt             |
| <b>TVI Curve</b>                       | B(CMY), C(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            |