

# UPM Raflatac Technical Information

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|                               |   |                  |                 |
|-------------------------------|---|------------------|-----------------|
| <b>Product</b>                | <b>VELLUM TTR / RP51 / HONEY GLASSINE 65</b>  |                  |                 |
| Sales Code                    | 02/RP5X/03  |                  |                 |
| EAN                           | 6415780104208   |                  |                 |
| Product use                   | General purpose uncoated label paper for thermal transfer printing in logistics and transport end-use areas. Aimed to applications where high speed converting and good thermal transfer image is needed. |                  |                 |
| <b>Face</b>                   | <b>VELLUM TTR</b>   |                  |                 |
| Product                       | Surface sized woodfree supercalandered paper.   |                  |                 |
| Substance                     | 70  | g/m <sup>2</sup> | ISO 536         |
| Caliper                       | 70  | µm               | ISO 534         |
| Tensile strength MD           | 4.9   | kN/m             | ISO 1924/1      |
| Tensile strength CD           | 2.5   | kN/m             | ISO 1924/1      |
| Brightness                    | 106   | %                | ISO 2470/1      |
| Roughness                     | 2.7   | microns          | ISO 8791 PPS 10 |
| Printability                  | Suitable for flexography, offset, letterpress, thermal transfer and dot-matrix.   |                  |                 |
| <b>Adhesive</b>               | <b>RP51</b>   |                  |                 |
| Type                          | General purpose, strong permanent adhesive.   |                  |                 |
| Composition                   | Acrylic, water borne.   |                  |                 |
| Tack min                      | 14  | N                | FTM 9           |
| PE-looptack min               | 10  | N                | modified FTM 9  |
| <b>Backing</b>                | <b>HONEY GLASSINE 65</b>  |                  |                 |
| Product                       | Yellow transparent glassine backing paper.  |                  |                 |
| Substance                     | 57  | g/m <sup>2</sup> | ISO 536         |
| Caliper                       | 51  | µm               | ISO 534         |
| Tensile strength MD           | 6.2   | kN/m             | ISO 1924        |
| Tensile strength CD           | 2.3   | kN/m             | ISO 1924        |
| Transparency                  | 49  | %                | DIN 53147       |
| <b>Performance</b>            |   |                  |                 |
| Total caliper                 | 136 µm  |                  |                 |
| Minimum labelling temperature | 0 °C  |                  |                 |
| Service temperature           | -20 °C to 80 °C   |                  |                 |
| Shelf life                    | From the date of manufacture: 4 years at +20 °C and RH 50%. Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.  |                  |                 |
| <b>Information</b>            |   |                  |                 |
| Product information           | Good adhesion to all normal substrates, including non-polar surfaces, films, and corrugated board. Good low temperature performance. Not recommended for labelling highly curved surfaces.                |                  |                 |
| <b>Approvals</b>              |   |                  |                 |



**Approvals & Certifications**

Please see the individual Declaration of Conformance (DoC) document of each product component for further compliance information.

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