

**UPM Raflatac Technical Information**

13-05-2024 EN SI

<b>Product</b>	<b>POLYLASER M W HS / PERM DIGI FILM / KRAFT SP STABIL 120-FSC / SCORE PRINTED</b>
Sales Code	AXL/DP37/IQA/W3
Product use	Product designed for laser printed film labels with variable information for promotional, product and logistic labeling. Suitable for outdoor applications. Especially recommended when resistance against water, oil and chemicals is important. This filmic product has excellent tolerance for temperature and humidity fluctuations and is compliant with BS5609 part 2 (marine standard). Certified by HP Indigo Industrial media for Indigo digital printing.

**Typical technical values**

<b>Face</b>	<b>POLYLASER MATT WHITE HS</b>
Product	White, heat stabilized, matt coated computer imprintable polyester film.
Substance	75 g/m <sup>2</sup> DIN 53352
Caliper	58 µm DIN 53370
Elongation MD	150 % DIN 53455
Elongation CD	130 % DIN 53455
Opacity	88 % DIN 53146/1
Printability	Due to the pre-treatment, the film is printable by common label printing methods like letterpress, flexography, screen and offset. Special inks designed for nonabsorbent materials should be used. Laser and copier printable: specially developed for medium and high volumes.

<b>Adhesive</b>	<b>DP37</b>
Type	Permanent
Composition	Waterborne acrylic
Tack min	9 N FTM 9
Shear min	10 h FTM 8

<b>Backing</b>	<b>KRAFT SP STABIL 120-FSC</b>
Product	White woodfree kraft backing paper.
Substance	120 g/m <sup>2</sup> ISO 536
Caliper	112 µm ISO 534
Tensile strength MD	8 kN/m ISO 1924
Tensile strength CD	4 kN/m ISO 1924
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.

<b>Performance</b>	
Total caliper	187 µm ± 10%
Minimum labelling temperature	5 °C
Service temperature	-20 +100 °C



**BS5609 S2  
APPROVED**

**UPMRAFLATAC**

Shelf life

From date of manufacture: 24 months, under FINAT defined storage conditions (+20-25°C and 40-50% RH). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

### **Information**

Product availability

Standard range. (Other sizes and/or components available upon request).

### **Approvals**

Approvals

Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements

Certifications

BS5609 part 2 (marine standard)

Disclaimer

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.

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This publication replaces all previous versions. All information is subject to change without notice.

