

**UPM Raflatac Technical Information**

09-08-2024 EN SI

<b>Product</b>	<b>POLYLASER G C HS / PERM DIGI FILM / KRAFT SP STABIL 120-FSC / STATICOUT</b>
Sales Code	CBP/DP37/1QA/S1
Product use	Product designed for clear, laser printed film labels with variable information, for promotional and product labeling. Especially recommended when resistance against water, oil and chemicals is important. This filmic product has excellent tolerance for temperature and humidity fluctuations in outdoor applications. Product has an innovative StaticOUT™ feature for reducing the effects of static electricity.

**Typical technical values**

<b>Face</b>	<b>POLYLASER GLOSS CLEAR HS</b>
Product	Transparent, gloss coated heat stabilized polyester film.
Substance	71 g/m <sup>2</sup> DIN 53352
Caliper	50 μm DIN 53370
Elongation MD	155 % DIN 53455
Elongation CD	110 % DIN 53455
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 non-absorbent 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	179 μm ± 10%
Minimum labelling temperature	5 °C
Service temperature	-20 °C +100 °C



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 Information

Product has an innovative StaticOUT™ feature for reducing the effects of static electricity on sheet stock converting and laser printing

Product availability

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

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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