

UPM Raflatac Technical Information

12-08-2024 EN SI

Product **POLYLASER M W HS / REMOV DIGI FILM / KRAFT SP STABIL 120-FSC / SOLID UNPRINTED**

Sales Code AXL/DR29/IQA/W0

Product use Product designed for laser printed film labels with variable information for promotional and product labeling, where removability of the label is required. 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.

Typical technical values

Face **POLYLASER MATT WHITE HS**

Product White, heat stabilized, matt coated computer imprintable polyester film.

Substance 75 g/m² 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.

Adhesive **DR29**

Type Removable adhesive for filmic labels.

Composition Acrylic, water borne.

Tack min 3 N FTM 9

Tack max 8 N FTM 9

Shear min 8 h FTM 8

Peel min 1,5 N/25mm FTM 2 90°

Peel max 6 N/25mm FTM 2 90°

Backing **KRAFT SP STABIL 120-FSC**

Product White woodfree kraft backing paper.

Substance 120 g/m² 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.



Performance

Total caliper	188 µm ± 10%
Minimum labelling temperature	5 °C
Service temperature	-10 to 80 °
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).
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Approvals

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