

UPM Raflatac Technical Information

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Product	PE WHITE OFFSET / PERMANENT FILM / WHITE KRAFT 130 / SOLID PRINTED
Sales Code	WE/SP37/35/W1
Product use	Product designed for labeling in applications where resistance against water, oil and chemicals is important and flexibility is required. Recommended for product labeling.

Typical technical values

Face	PE WHITE OFFSET
Product	White, glossy, topcoated microabsorbent polyethylene film.
Substance	98 g/m ² DIN 53352
Caliper	100 µm DIN 53370
Tensile strength MD	20 N/mm ² DIN 53455
Tensile strength CD	19 N/mm ² DIN 53455
Opacity	88 % DIN 53146/1
Gloss	37 % DIN 67530/2
Printability	Suitable for flexography, screen and offset printing methods. Corona treatment should be applied on press for optimal ink adhesion. Printing is recommended within 4 months of delivery.
Additional info sheets	Labelling temperature: min +10 °C. Service temperature after labelling: -10 - +60 °C.
Adhesive	SP37
Type	General purpose permanent for synthetic sheets.
Composition	Acrylic dispersion.
Use	Good adhesion properties and heat resistance. Excellent clarity, UV-stability and water resistance.
Tack min	8 N FTM 9
Shear min	8 h FTM 8
PE-looptack min	5 N modified FTM 9
Limitations	Limited adhesion at low temperatures.
Backing	WHITE KRAFT 130
Product	White woodfree kraft backing paper.
Substance	135 g/m ² ISO 536
Caliper	134 µm ISO 534
Tensile strength MD	7,5 kN/m ISO 1924
Tensile strength CD	3,7 kN/m ISO 1924
Performance	
Total caliper	254 µm
Minimum labelling temperature	10 °C
Service temperature	-20 to 100 °C

Shelf life From date of manufacture: 24 months, under FINAT defined storage conditions (+20-25°C and RH 40-50%). 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).

STANDARD SHEET SIZE (CM)	50x70 / 100x70
PACKAGING TYPE	Ream wrapped / Bulk

Approvals

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For further compliance information related to food labeling applications, please contact your local sales representative for a Declaration of Conformance (DoC) document.

Approvals

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

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.

