

UPM Raflatac Technical Information

19-02-2024 EN SI

Product	RAFLACOAT NXT+FSC / RP51 / HONEY GLASSINE 65-FSC
Sales Code	FZI/RP5X/FUX
EAN	6415788272718
Product use	Designed for general purpose quality multicolour labels. RAFNXT+ products combine a unique design with the smarter choice and use of materials resulting in superior carbon performance and productivity benefits. UPM Raflatac has a science-based approach that quantifies the positive impact in CO ₂ e. Calculation model is verified by the Carbon Trust and is in accordance to international greenhouse gas accounting standard PAS2050.

Typical technical values

Face	RAFLACOAT NXT+FSC
Product	White machine coated mid-gloss paper.
Substance	70 g/m ² ISO 536
Caliper	63 µm ISO 534
Tensile strength MD	5 kN/m ISO 1924/1
Tensile strength CD	2,1 kN/m ISO 1924/1
Brightness	86 % ISO 2470/1
Roughness	1,1 µm ISO 8791 PPS 10
Opacity	87 % ISO 2471
Gloss	62 % Hunter 75°
CIE Whiteness	115 % ISO 11475
Stiffness MD	0,13 mNm ISO/DP 2493
Stiffness CD	0,08 mNm ISO/DP 2493
Printability	Suitable for flexography, offset, rotogravure, screen and hot foil. Suitable for thermal transfer printing with wax/resin ribbons. Testing recommended. Non-optimized paper suitable for HP Indigo digital offset printing in some applications, print test recommended.
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.

Adhesive	RP51
Type	General purpose permanent adhesive.
Composition	Acrylic, water borne.
Tack	18 N/25mm FTM 9

Backing	HONEY GLASSINE 65-FSC
Product	Yellow transparent glassine backing paper.
Substance	54 g/m ² ISO 536
Caliper	47 µm ISO 534
Tensile strength MD	5,4 kN/m ISO 1924



Tensile strength CD	2,2	kN/m	ISO 1924
Transparency	49	%	DIN 53147
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.		

Performance

Total caliper	125 µm ± 10%
Minimum labelling temperature	0 °C
Service temperature	-20 °C to 80 °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.

Approvals

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

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.

