

UPM Raflatac Technical Information

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Product	RAFLACOAT NXT+FSC / RP51 / HONEY GLASSINE 45-FSC		
Sales Code	FZI/RP5X/FUY		
EAN	6415788272725		
Product use	Product designed for general purpose labels to packaged food, home care and logistic applications in ambient conditions. RAFNXT+ product combining a unique formula of sustainability credentials together with productivity benefits that will contribute to the profitability of your business.		
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	5.0	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 min	14	N	FTM 9
PE-looptack min	10	N	modified FTM 9
Backing	HONEY GLASSINE 45-FSC		
Product	Yellow transparent glassine backing paper.		
Substance	48	g/m ²	ISO 536
Caliper	44	µm	ISO 534
Tensile strength MD	4.5	kN/m	ISO 1924
Tensile strength CD	1.8	kN/m	ISO 1924
Transparency	57	%	DIN 53147



Sustainability The product named as FSC is registered to SGSCH-COC-004879 FSC™ Mix credit.

Performance

Total caliper	122 µm
Minimum labelling temperature	0 °C
Service temperature	-20 °C to 80 °C
Shelf life	From the date of manufacture: 4 years at +20 °C and RH 50%. Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Information

Product information	Designed for use in ambient environment in wide range of applications. Very good adhesion performance on variety substrates, including non-polar surfaces, films, and corrugated board. Good low temperature performance.
Limitations	Use on packaging with small diameter or test tubes might be restricted.

Approvals

Approvals & Certifications	Please see the individual Declaration of Conformance (DoC) document of each product component for further compliance information.
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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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