

UPM Raflatac Technical Information

11.06.2018 ENG 3956

Product	RAFLACOA PLUS-FSC / RH9X / HONEY GLASSINE 65		
Sales Code	FLK/RH9X/03		
EAN	6415788243572		
Product use	Product designed for general purpose multi-color labels to packaged food, homecare and logistic applications in ambient and chill conditions.		
Face	RAFLACOA PLUS-FSC		
Product	White woodfree machine coated mid-gloss paper.		
Substance	80	g/m ²	ISO 536
Caliper	70	µm	ISO 534
Tensile strength MD	5.8	kN/m	ISO 1924/1
Tensile strength CD	2.8	kN/m	ISO 1924/1
Brightness	90	%	ISO 2470/1
Roughness	1.0	µm	ISO 8791 PPS 10
Opacity	88	%	ISO 2471
Gloss	64	%	Hunter 75°
CIE Whiteness	120	%	ISO 11475
Stiffness MD	0.23	mNm	ISO/DP 2493
Stiffness CD	0.13	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.		
Sustainability	The product is sold as FSC™ Mix Credit under UPM Raflatac's FSC certificate SGSCH-COC-004879.		
Adhesive	RH9X		
Type	General purpose permanent adhesive.		
Composition	Rubber, hotmelt.		
Tack min	12	N	FTM 9
PE-looptack min	10	N	modified FTM 9
Backing	HONEY GLASSINE 65		
Product	Yellow transparent glassine backing paper.		
Substance	57	g/m ²	ISO 536
Caliper	51	µm	ISO 534
Tensile strength MD	6.2	kN/m	ISO 1924
Tensile strength CD	2.3	kN/m	ISO 1924
Transparency	49	%	DIN 53147
Performance			
Total caliper	135 µm		



Minimum labelling temperature	0 °C
Service temperature	-40 °C to 60 °C
Shelf life	From the date of manufacture: 2 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 and chill environment, particularly good performance in chill environment if the application surface is moist or very high initial adhesion is required. Good low temperature performance once labelled. Very good adhesion to non-polar surfaces.
Limitations	Use on packaging with small diameter or test tubes might be restricted.

Approvals

Approvals & Certifications	For food packaging applications, please contact your local sales representative for the individual Declaration of Conformance (DoC) document of each product component for further compliance information.
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Disclaimer	<p>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.</p>
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