

UPM Raflatac Technical Information

03-08-2020 EN SI

Product	RAFLACOAT PLUS-FSC / RP51 / HONEY GLASSINE 65
Sales Code	FLK/RP5X/03
EAN	6415788243589
Product use	Product designed for general purpose high quality multicolor printed labels to packaged food and homecare applications in ambient conditions. Suitable also for logistics labelling in case that the end user is looking for mid gloss appearance.

Typical technical values

Face	RAFLACOAT 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	µm	ISO 8791
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 SGSCHCOC-004879.		
Adhesive	RP51		
Type	General purpose permanent adhesive.		
Composition	Acrylic, water borne.		
Tack	18	N/25mm 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	136 µm
Minimum labelling temperature	0 °C
Service temperature	-20 °C to 80 °C
Shelf life	From date of manufacture: 48 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

Limitations	Not recommended for labelling highly curved surfaces.
Product Information	Good adhesion to all normal substrates, including non-polar surfaces, films, and corrugated board. Good low temperature performance.

Approvals

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