

UPM Raflatac Technical Information

07-05-2019 EN SI

Product	RAFLACOAT PLUS-FSC / RP51 / HONEY GLASSINE 65
Sales Code	FLK/RP5X/03
EAN	6415788243589
Product use	Product designed for wide variety of food and homecare labelling applications in room temperature. Suitable also for logistics labelling applications in case of 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/m²	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	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/m²	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	Please see the individual Declaration of Conformance (DoC) document of each product component for further compliance information.
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