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 CO2e. 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/m²	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/m²	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.
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