

UPM Raflatac Technical Information

17-08-2021 EN SI

Product	RAFLAGLOSS NXT+FSC / EXTRA PERMANENT / KRAFT SPECIAL 83-FSC / SOLID PRINTED
Sales Code	GPB/SP3H/EJB/W1
Product use	Product designed for high-quality labels with multicolour printing and a gloss finish, that requires strong adhesion. Especially recommended for product and promotional labeling. The RAFNXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

Typical technical values

Face	RAFLAGLOSS NXT+FSC			
Product	Off machine, glossy, coated art paper.			
Substance	80	g/m ²	ISO 536	
Caliper	65	µm	ISO 534	
Tensile strength MD	4.8	kN/m	ISO 1924/1	
Tensile strength CD	2.7	kN/m	ISO 1924/1	
Brightness	92	%	ISO 2470/1	
Roughness	0.5	µm	ISO 8791	PPS 10
Opacity	87	%	ISO 2471	
Gloss	90	%	Hunter 75°	
Stiffness MD	0.22	mNm	ISO/DP 2493	
Stiffness CD	0.1	mNm	ISO/DP 2493	
Printability	Letterpress, flexography, offset, rotogravure, screen and hot foil.			
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.			

Adhesive	SP3H			
Type	Strong universal permanent for sheets.			
Composition	Modified acrylic dispersion.			
Use	Particularly suitable for applications where very high initial adhesion to rough surfaces is required. Very good resistance to edge-lifting (=flagging). Also recommended for use on curved surfaces and corrugated cardboard. Good heat resistance.			
Tack	13	N/25mm	FTM 9	
Shear min	2	h	FTM 8	
Limitations	Due to adhesive nature we are recommending to take special attention when guillotining: lower stack height, more frequent knives cleaning, using of silicone spray to keep blades free from adhesive build-up.			

Backing	KRAFT SPECIAL 83-FSC			
Product	White woodfree kraft backing paper			
Substance	83	g/m ²	ISO 536	



Caliper	84	µm	ISO 534
Tensile strength MD	8.7	kN/m	ISO 1924
Tensile strength CD	3.8	kN/m	ISO 1924
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.		

Performance

Total caliper	169 µm
Minimum labelling temperature	5 °C
Service temperature	-10 +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.
Approvals	Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.
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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