

UPM Raflatac Technical Information

18-08-2021 EN SI

Product	CASTGLOSS NXT+FSC / PERM.GREENTAC + / KRAFT SPECIAL 83-FSC / SCORE PRINTED
Sales Code	GNV/SP34/EJB/W3
Product use	Product designed for high-quality labels with multicolour printing and a mirror-like high-gloss finish. 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	CASTGLOSS NXT+FSC			
Product	Cast coated, woodfree paper with mirror-like gloss finish.			
Substance	80	g/m ²	ISO 536	
Caliper	78	µm	ISO 534	
Tensile strength MD	5	kN/m	ISO 1924/1	
Tensile strength CD	2.9	kN/m	ISO 1924/1	
Brightness	87	%	ISO 2470/1	
Roughness	0.7	µm	ISO 8791	PPS 10
Opacity	88	%	ISO 2471	
Gloss	89	%	Hunter 75°	
Stiffness MD	0.42	mNm	ISO/DP 2493	
Stiffness CD	0.25	mNm	ISO/DP 2493	
Printability	Flexography, letterpress, rotogravure, offset, screen and hot foil.			
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.			
Adhesive	SP34 GREENTAC PLUS			
Type	General permanent adhesive for sheets.			
Composition	Modified acrylic dispersion.			
Use	A very good adhesive for general use with paper labels. Good heat resistance. Improved guillotine properties.			
Tack min	10	N	FTM 9	
Shear min	2	h	FTM 8	
Limitations	Should not be used in cold environments. Not recommended for labelling highly curved surfaces.			
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

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Performance

Total caliper	178 µm
Minimum labelling temperature	5 °C
Service temperature	-10 +100 °C
Shelf life	From date of manufacture: 48 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.

Information

Product Information

Scoring is crucial to ensuring self-adhesive labels are easily peeled away from their backing. Our sheets have folding scores that are spaced at 35 mm intervals, what enables a smooth label opening. Scores open after bending 90–120°. Scores don't open if they have not been folded previously.

Approvals

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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.

This publication does not constitute any warranty, express or implied, and is intended only for the recipient and cannot therefore be transferred to any third party. We cannot assume any liability for the use of our products in conjunction with other materials.

All our products are sold subject to UPM Raflatac's general sales conditions, and you should ensure that any existing laws are observed.

This publication replaces all previous versions. All information is subject to change without notice.

