

UPM Raflatac Technical Information

18-08-2021 EN SI

Product	CASTGLOSS OP NXT+FSC / PERM.GREENTAC + / KRAFT SPECIAL 83-FSC / SOLID PRINTED
Sales Code	GPH/SP34/EJB/W1
Product use	Product designed for high-gloss labels with mirror like finish and high opacity, for correcting erros and text changes. Recomened for block-out labels where total coverage is required. The RAFNXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

Typical technical values

Face	CASTGLOSS OP NXT+FSC		
Product	Cast-coated, wood-free paper with grey reverse side to increase the opacity.		
Substance	82	g/m ²	ISO 536
Caliper	80	µm	ISO 534
Tensile strength MD	5	kN/m	ISO 1924/1
Tensile strength CD	2.9	kN/m	ISO 1924/1
Brightness	80	%	ISO 2470/1
Roughness	0.7	µm	ISO 8791 PPS 10
Opacity	99	%	ISO 2471
Gloss	89	%	Hunter 75°
CIE Whiteness	103	%	ISO 11475
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	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.		

Performance

Total caliper	180 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.

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.
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