

## UPM Raflatac Technical Information

24-04-2020 EN SI

### Product

#### **RAFLACOAT OPAQUE-FSC / PERM.GREENTAC + / KRAFT SPECIAL 90 / SOLID PRINTED**

Sales Code

ECN/SP34/14/W1

Product use

Product designed for mid-gloss labels with high opacity, for correcting errors and text changes. Recommended for block-out labels, where total coverage is required.

### Typical technical values

#### Face

#### **RAFLACOAT OPAQUE-FSC**

Product	On machine coated woodfree SC paper, with grey reverse side to increase the opacity.		
Substance	82	g/m <sup>2</sup>	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	75	%	ISO 2470/1
Roughness	1	µm	ISO 8791
Opacity	99	%	ISO 2471
Gloss	64	%	Hunter 75°
CIE Whiteness	106	%	ISO 11475
Stiffness MD	0,23	mNm	ISO/DP 2493
Stiffness CD	0,13	mNm	ISO/DP 2493
Printability	Flexography, letterpress, screen, offset, thermal transfer.		
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 labeling highly curved surfaces.		

#### Backing

#### **KRAFT SPECIAL 90**

Product	White woodfree kraft backing paper.		
Substance	86	g/m <sup>2</sup>	ISO 536
Caliper	87	µm	ISO 534
Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924



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## Performance

Total caliper	173 µm
Minimum labelling temperature	5 °C
Service temperature	-10 to 100 °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

Product availability Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	50x70
PACKAGING TYPE	Ream wrapped / Bulk

## 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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