

UPM Raflatac Technical Information

25-04-2020 EN SI

Product **RAFLABRITE-FSC / PERM.GREENTAC + / KRAFT SPECIAL COATED 100 / SOLID UNPRINTED**

Sales Code BZY/SP34/50/WO
Product use Product designed for promotional labeling requiring high-quality multicolour print on the backing, such as magazine inserts.

Typical technical values

Face **RAFLABRITE-FSC**

Product	White wood-free machine-coated SC mid-gloss face paper.		
Substance	85	g/m ²	ISO 536
Caliper	71	µm	ISO 534
Tensile strength MD	5,6	kN/m	ISO 1924/1
Tensile strength CD	2,9	kN/m	ISO 1924/1
Brightness	92	%	ISO 2470/1
Roughness	0,7	µm	ISO 8791
Opacity	89	%	ISO 2471
Gloss	78	%	Hunter 75°
CIE Whiteness	130	%	ISO 11475
Stiffness MD	0,25	mNm	ISO/DP 2493
Stiffness CD	0,15	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.		
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 COATED 100**

Product	Semi-gloss pigment coated kraft backing paper.		
Use	Special applications where good printability on the backing paper is requested.		
Substance	100	g/m ²	ISO 536
Caliper	80	µm	ISO 534
Tensile strength MD	5,7	kN/m	ISO 1924



Tensile strength CD	3,2	kN/m	ISO 1924
Brightness	89	%	ISO 2470
Opacity	90	%	ISO 2471
Gloss	78	%	Hunter 75°

Performance

Total caliper	167 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.

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.

