

UPM Raflatac Technical Information

12-03-2022 EN SI

Product	RAFLABRITE 250-FSC / EXTRA PERMANENT / KRAFT SPECIAL 90 / SOLID UNPRINTED
Sales Code	CXL/SP3H/14/W0
Product use	Product designed for labels with high-quality multicolour image and extra-high rigidity. Especially recommended for premium promotional labels, point of sale displays and big size wall decoration labels requiring easy hand application.

Typical technical values

Face	RAFLABRITE 250-FSC			
Product	Woodfree double side coated high grammage mid-gloss paper.			
Substance	250	g/m ²	ISO 536	
Caliper	184	µm	ISO 534	
Brightness	90	%	ISO 2470/1	
Roughness	0,7	µm	ISO 8791	PPS 10
Opacity	100	%	ISO 2471	
Gloss	72	%	Hunter 75°	
CIE Whiteness	130	%	ISO 11475	
Stiffness MD	4	mNm	ISO/DP 5629/1	Kodak
Stiffness CD	2,5	mNm	ISO/DP 5629/1	Kodak
Printability	Offset, flexography and letterpress. Limited thermal transfer printability.			
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-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 90			
Product	White woodfree kraft backing paper.			
Substance	86	g/m ²	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

Performance

Total caliper	291 µm
Minimum labelling temperature	5 °C
Service temperature	- 10 to 80 °C
Shelf life	From date of manufacture: 24 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).
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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.
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Approvals	Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.
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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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