

UPM Raflatac Technical Information

24-04-2020 EN SI

Product	LASERGLOSS HS-FSC / PERM. DIGITAL / KRAFT SPECIAL 90 / SCORE PRINTED
Sales Code	CMY/SPA3/14/W3
Product use	A multipurpose, mirror like, high-gloss finished product suiting variable information and high quality multicolours labels. Personalized and/or short/medium runs for promotional and product labeling.

Typical technical values

Face	LASERGLOSS HS-FSC		
Product	Cast-coated, wood-free 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
Opacity	88	%	ISO 2471
Gloss	89	%	Hunter 75°
CIE Whiteness	108	%	ISO 11475
Printability	Laser and copier printable: specially developed for medium and high volumes. As used with KS85, KS90 or KSS100 backing testing for SOHO printers is recommended. Flexography, letterpress, offset, rotogravure, screen and hot foil.		
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.		
Adhesive	PERM.DIGITAL		
Type	Permanent		
Composition	Waterborne acrylic		
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 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	177 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 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.

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

STANDARD SHEET SIZE (CM)	32 x 45
PACKAGING TYPE	Box 100/250 sh

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.

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

