

UPM Raflatac Technical Information

31.01.2017 ENG 3527

Product	THERMAL TOP 200 PEFC / RP51 / HONEY GLASSINE 65		
Sales Code	ELQ/RP5X/03		
EAN	6415788216880		
Product use	Thermal top label especially to logistics end-use with good ambient temperature labelling properties.		
Face	THERMAL TOP 200 PEFC		
Product	A top side barrier coated paper with a standard sensitivity thermal coating produced totally without BPA-based chemistry. This paper is made from PEFC™-certied pulp.		
Substance	72	g/m ²	ISO 536
Caliper	79	µm	ISO 534
Tensile strength MD	3.7	kN/m	ISO 1924-3
Tensile strength CD	1.8	kN/m	ISO 1924-3
Brightness	82	%	ISO 2470
Roughness	1.9	µm	ISO 8791-4 PPS 10 / max
Imaging colour	Black		
Scanning	Visible red light (wavelength up to 650 nm)		
Printability	Suitable for direct thermal, UV- and water-based flexography, UV-letterpress.		
Sustainability	Products named as PEFC are registered to CH11/1264.00 100 % PEFC certified.		
Adhesive	RP51		
Type	General purpose, strong permanent adhesive.		
Composition	Acrylic, water borne.		
Tack min	14	N	FTM 9
PE-looptack min	10	N	modified FTM 9
Backing	HONEY GLASSINE 65		
Product	Yellow transparent glassine backing paper.		
Substance	57	g/m ²	ISO 536
Caliper	51	µm	ISO 534
Tensile strength MD	6.2	kN/m	ISO 1924
Tensile strength CD	2.3	kN/m	ISO 1924
Transparency	49	%	DIN 53147
Performance			
Total caliper	147 µm		
Minimum labelling temperature	0 °C		
Service temperature	-20 °C to 80 °C		



Shelf life From the date of manufacture: 2 years at +20 °C and RH 50%. Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life. Printed labels are guaranteed for one year if stored in the above conditions. Face paper has a slight tendency to discolour, but this does not affect the scannability of the barcodes.

Information

Product information Information labelling requiring good bar code scratch resistance to guarantee excellent scanning properties in dry end-use environments including retail, transport and logistics. Good adhesion to all normal substrates, including non-polar surfaces, films, and corrugated board. Good low temperature performance. Not recommended for labelling highly curved surfaces. For standard printers up to 200 mm/s. Recommended for dry applications only.

Approvals

Approvals & Certifications This product complies with the EC food contact regulation EC 1935/2004 and the adhesive with EU 10/2011. Please see individual DoC's for further information.

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.

