

UPM Raflatac Technical Information

07-07-2021 EN SI

Product	RAFLACOAT PLUS-FSC / RP48 / HONEY GLASSINE 65
Sales Code	FLK/RP48/03
EAN	6415788243596
Product use	Product designed for general purpose high quality multicolor printed labels to food and homecare in chill and deep freeze applications ensuring excellent performance at airblown dispensers.

Typical technical values

Face	RAFLACOAT PLUS-FSC		
Product	White woodfree machine coated mid-gloss paper.		
Substance	80	g/m ²	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	90	%	ISO 2470/1
Roughness	1	µm	ISO 8791 PPS 10
Opacity	88	%	ISO 2471
Gloss	64	%	Hunter 75°
CIE Whiteness	120	%	ISO 11475
Stiffness MD	0.23	mNm	ISO/DP 2493
Stiffness CD	0.13	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	RP48		
Type	Freezer permanent adhesive.		
Composition	Acrylic, water borne.		
Tack	12	N/25mm	FTM 9
Backing	HONEY GLASSINE 65		
Product	Yellow transparent glassine backing paper.		
Substance	55	g/m ²	ISO 536
Caliper	49	µm	ISO 534
Tensile strength MD	6	kN/m	ISO 1924
Tensile strength CD	2.3	kN/m	ISO 1924
Transparency	49	%	DIN 53147



Performance

Total caliper	138 µm
Minimum labelling temperature	-20 °C
Service temperature	-40 °C to 60 °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

Limitations	Limited heat resistance. Should not be used in places where temperature is significantly above room temperature. Convertibility not as good as with other permanents. Edge-bleeding may occur. Not suitable for labelling curved surfaces. Limited adhesion to moist surfaces.
Product Information	Should be used when very good adhesion at low temperatures is required. Adhesion to non-polar surfaces is very good. Remains adherent at low temperatures

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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