

UPM Raflatac Technical Information

25-04-2020 EN SI

Product	CASTGLOSS-FSC / PERM.GREENTAC + / WHITE KRAFT 180 / SOLID UNPRINTED
Sales Code	CFW/SP34/2Y/WO
Product use	Product designed for high-quality promotional labels with multicolour printing and a mirror-like, high-gloss finish combined with a laminate with very high stiffness, e.g. postcards, business cards.

Typical technical values

Face	CASTGLOSS-FSC
Product	Cast coated, woodfree 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°
Stiffness MD	0,42 mNm ISO/DP 2493
Stiffness CD	0,25 mNm ISO/DP 2493
Printability	Flexography, letterpress, rotogravure, offset, screen and hot foil.
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 labelling highly curved surfaces.
Backing	WHITE KRAFT 180
Product	White woodfree kraft backing paper.
Substance	180 g/m ² ISO 536
Caliper	200 µm ISO 534
Tensile strength MD	10,2 kN/m ISO 1924
Tensile strength CD	6,7 kN/m ISO 1924
Advantages	High stiffness. Good layflat characteristics.

Performance

Total caliper	294 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

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Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.

Disclaimer

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