

UPM Raflatac Technical Information

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Product	POLYLASER GLOSS WHITE / RPAF / KRAFT SP STABILIZED 120		
Sales Code	A9/RPAF/FGX		
EAN	6415788238127		
Product use	Product designed for laser printed gloss finished logistics and industrial variable information label applications. It can be also used in address labelling or other information labelling in SOHO end-uses. This filmic product has excellent tolerance for temperature and humidity fluctuations.		
Face	POLYLASER GLOSS WHITE		
Product	White, gloss coated heat stabilised polyester film.		
Substance	72	g/m ²	DIN 53352
Caliper	50	µm	DIN 53370
Elongation MD	130.0	%	DIN 53455
Elongation CD	70.0	%	DIN 53455
Brightness	87	%	ISO 2470/1
Roughness	0.7	µm	ISO 8791 PPS 10
Opacity	88	%	ISO 2471
Gloss	89	%	Hunter 75°
CIE Whiteness	108	%	ISO 11475
Printability	Suitable for laser and common label printing methods like flexography, screen and offset due to the pre-treatment. Special inks designed for non-absorbent materials should be used. Depending on printer used, especially in low humidity conditions, static electricity might occur. To reduce this effect store your media in temperature and humidity controlled conditions. In critical cases manual feed or bypass tray is recommended. Fan the pile of sheets prior printing in order to release accumulated electric charge.		
Shelf life	Laminate with RP37, RPAF, RR28 and RRAF adhesive: 2 years if stored at room temperature (+20 °C), RH 50% in original packaging and protected from light.		
Adhesive	RPAF		
Type	General purpose permanent adhesive for A4 and cut-size applications.		
Composition	Acrylic, water borne.		
Tack min	9	N/25mm	FTM 9
Backing	KRAFT SPECIAL STABILIZED 120		
Product	White woodfree kraft backing paper.		
Substance	120	g/m ²	ISO 536
Caliper	112	µm	ISO 534
Tensile strength MD	8.0	kN/m	ISO 1924
Tensile strength CD	4.0	kN/m	ISO 1924


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Advantages High dimensional stability providing superior lay-flatness. Specially developed for SOHO, medium and high volume laser printers

Performance

Minimum labelling temperature 5 °C
 Service temperature -20 °C to 100 °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.

Information

Limitations Limited adhesion at low temperatures. The highest end-use temperature must be separately checked together with the face material.

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