

UPM Raflatac Technical Information

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Product	POLYLASER M T HS / PERM DIGI FILM / KRAFT SP STABIL 120-FSC / SOLID UNPRINTED
Sales Code	AXM/DP37/IQA/W0
Product use	Product designed for translucent, laser printed film labels with variable information for promotional and product labeling. Especially recommended when resistance against water, oil and chemicals is important. This filmic product has excellent tolerance for temperature and humidity fluctuations.

Typical technical values

Face	POLYLASER MATT TRANSPARENT HS		
Product	Translucent, heat stabilized, matt coated computer imprintable polyester film.		
Substance	56	g/m ²	DIN 53352
Caliper	43	µm	DIN 53370
Elongation MD	145	%	DIN 53455
Elongation CD	135	%	DIN 53455
Printability	Due to the pre-treatment, the film is printable by common label printing methods like letterpress, flexography, screen and offset. Special inks designed for nonabsorbent materials should be used. Laser and copier printable: specially developed for medium and high volumes.		
Opacity	25	%	ISO 2471
Adhesive	DP37		
Type	Permanent		
Composition	Waterborne acrylic		
Tack min	9	N	FTM 9
Shear min	10	h	FTM 8
Backing	KRAFT SP STABIL 120-FSC		
Product	White woodfree kraft backing paper.		
Substance	120	g/m ²	ISO 536
Caliper	112	µm	ISO 534
Tensile strength MD	8	kN/m	ISO 1924
Tensile strength CD	4	kN/m	ISO 1924
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.		

Performance

Total caliper	172 $\mu\text{m} \pm 10\%$
Minimum labelling temperature	5°C
Service temperature	-20 +100 °C
Shelf life	From date of manufacture: 24 months, under FINAT defined storage conditions (+20-25°C and 40-50% RH). 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).

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