

Mastertac Technical Information

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Product	PETLASER MW DRY TONER / EXTRAPERM FILM / KRAFT STABIL 120-FSC / SOLID UNPRINTED
Sales Code	JFG/97-H/IQB/W0
Product use	Product designed for dry toner laser printed film labels with variable information for product and logistic labeling, where strong adhesion is required. Suitable for outdoor applications. 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	PETLASER MW DRY TONER
Product	White, matt coated heat stabilized polyester film.
Substance	77 g/m ² ISO 536
Caliper	54 µm ISO 534
Opacity	88 % DIN 53146
Printability	Suitable for dry toner 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.
Adhesive	97H
Type	Extra permanent adhesive.
Composition	Acrylic, water borne.
Tack min	12 N FTM 9
Shear min	2 h FTM 8
Backing	KRAFT 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	191 $\mu\text{m} \pm 10\%$
Minimum labelling temperature	0 °C
Service temperature	-20 to 70 °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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Approvals

Approvals	BS 5609 approval (section 2 for unprinted label materials) for marine use.
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