

UPM Raflatac Technical Information

24-06-2025 EN SI

Product	POLYLASER MW DRY TONER / REMOVABLE DIGI FILM / KRAFT SP STABIL 120-FSC / SOLID UNPRINTED
Sales Code	JFF/DR29/IQA/W0
Product use	Product designed for dry toner laser printed film labels with variable information for promotional and product labeling, where removability of the label 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	POLYLASER MW DRY TONER				
Product	White, matt coated heat stabilized polyester film.				
Substance	77	g/m²	ISO 536		
Caliper	54	µm	ISO 534		
Opacity	88	%	DIN 53146		
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.				
Adhesive	DR29				
Type	Removable adhesive for filmic labels.				
Composition	Acrylic, water borne.				
Tack min	3	N	FTM 9		
Tack max	8	N	FTM 9		
Shear min	8	h	FTM 8		
Peel min	1,5	N/25mm	FTM 2	90°	
Peel max	6	N/25mm	FTM 2	90°	
Backing	KRAFT SP STABIL 120-FSC				
Product	White woodfree kraft backing paper.				
Substance	120	g/m²	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	184 $\mu\text{m} \pm 10\%$
Minimum labelling temperature	5 °C
Service temperature	-10 to 80 °
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).

Disclaimer The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.

This publication does not constitute any warranty, express or implied, and is intended only for the recipient and cannot therefore be transferred to any third party. We cannot assume any liability for the use of our products in conjunction with other materials.

All our products are sold subject to UPM Raflatac's general sales conditions, and you should ensure that any existing laws are observed.

This publication replaces all previous versions. All information is subject to change without notice.

UPM Adhesive Materials Technical Information

20-10-2025 EN SI EMEIA

Product	POLYLASER MW DRY TONER / EXTRAPERM FILM / KRAFT SP STABIL 120-FSC / SOLID UNPRINTED
Sales Code	JFF/DP77/IQA/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	POLYLASER 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 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	DP77
Type	Extra Permanent
Composition	Waterborne acrylic
Tack	12 N FTM 9
Shear	2 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	191 µm ± 10%
Minimum labelling temperature	0 °C



**BS5609 S2
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UPM Adhesive Materials

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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UPM Adhesive Materials Technical Information

02-01-2026 EN SI EMEIA

Product	POLYLASER MW DRY TONER / EXTRAPERM FILM / KRAFT SP STABIL 120-FSC / SCORE PRINTED
Sales Code	JFF/DP77/IQA/W3
EAN	6415787218786
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		POLYLASER 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 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		DP77	
Type	Extra Permanent		
Composition	Waterborne acrylic		
Tack	12	N	FTM 9
Shear	2	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	191 µm ± 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 Information	Scoring is crucial to ensuring self-adhesive labels are easily peeled away from their backing. Our sheets have folding scores that are spaced at 35 mm intervals, what enables a smooth label opening. Scores open after bending 90-120°. Scores don't open if they have not been folded previously.
Product availability	Standard range. (Other sizes and/or components available upon request).
Approvals	
Approvals	BS 5609 approval (section 2 for unprinted label materials) for marine use.
Disclaimer	The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market. This publication does not constitute any warranty, express or implied, and is intended only for the recipient and cannot therefore be transferred to any third party. We cannot assume any liability for the use of our products in conjunction with other materials. All our products are sold subject to UPM Raflatac's general sales conditions, and you should ensure that any existing laws are observed. This publication replaces all previous versions. All information is subject to change without notice.