UPM Adhesive Materials Technical Information

19-03-2026 EN SI EMEIA

Product	**POLYLASER GLOSS WHITE / PERM DIGI FILM / KRAFT SP STABIL 120-FSC / STATICOUT**
Sales Code	A9/DP37/IQA/S1
Product use	Product designed for gloss white, 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 in outdoor applications. Product has an innovative StaticOUT™ feature for reducing the effects of static electricity.

Typical technical values

Face	**POLYLASER GLOSS WHITE**			
Product	White, gloss coated heat stabilised polyester film.			
Substance	72	g/m²	DIN 53352	
Caliper	50	µm	DIN 53370	
Elongation MD	130	%	DIN 53455	
Elongation CD	70	%	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.			

Adhesive	**DP37**		
Type	Permanent		
Composition	Waterborne acrylic		
Tack	9	N	FTM 9
Shear	10	h	FTM 8

FSC
www.fsc.org
FSC® C012530
The mark of responsible forestry

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	179 µm ± 10%
Minimum labelling temperature	5 °C
Service temperature	-20 °C +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 Information	Product has an innovative StaticOUT™ feature for reducing the effects of static electricity on sheet stock converting and laser printing. For further compliance information related to toy end-use applications, please contact your local sales representative for our Toy regulation statement.
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