UPM Raflatac Technical Information

13-03-2022 EN SI

Product	**POLYLASER M W HS / PERM DIGI FILM / KRAFT SP STABILIZED 120 / SOLID UNPRINTED**
Sales Code	AXL/DP37/FGX/W0
Product use	Product designed for laser printed film labels with variable information for promotional, product and logistic labeling. 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 and is compliant with BS5609 part 2 (marine standard). Certified by HP Indigo Industrial media for Indigo digital printing.

Typical technical values

Face	**POLYLASER MATT WHITE HS**		
Product	White, heat stabilized, matt coated computer imprintable polyester film.		
Substance	75	g/m²	DIN 53352
Caliper	58	µm	DIN 53370
Elongation MD	150	%	DIN 53455
Elongation CD	130	%	DIN 53455
Opacity	88	%	DIN 53146/1
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.		

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

Backing	**KRAFT SPECIAL STABILIZED 120**		
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

Performance	
Total caliper	187 µm
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 RH 40-50%). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

BS5609 S2 APPROVED

Approvals

Approvals	Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.
Approvals	BS 5609 approval (section 2)
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.