

# UPM Raflatac Technical Information

14.04.2014 ENG 924

<b>Product</b>		<b>PP WHITE TC 60 / RP 37 / HD 70 WHITE</b>	
Sales Code	5N/RP37/28		
EAN	6415788043608		
Product use	Biaxially oriented, cavitated and top coated PP film with pearlised shade; giving excellent print surface to most of the printing methods. Low density of the film offers tool for economical multipurpose labelling. By combining this face film with RP37 adhesive and HD70 glassine liner; optimal performance level is achieved.		
<b>Face</b>		<b>PP WHITE TC 60</b>	
Product	A white, glossy, biaxially oriented, cavitated, top-coated polypropylene film.		
Substance	46	g/m <sup>2</sup>	DIN 53352
Caliper	61	µm	DIN 53370
Tensile strength MD	70.0	N/mm <sup>2</sup>	DIN 53455
Tensile strength CD	165.0	N/mm <sup>2</sup>	DIN 53455
Opacity	80	%	DIN 53146/1
Gloss	90	%	DIN 67530/1 60°
Printability	Suitable for flexography, screen, letterpress and offset printing methods. Special inks designed for non-absorbent materials should be used. For UV printing, consult your ink supplier for ink recommendations. Thermal transfer is also possible with select ribbons.		
Advantages	Very high gloss. Good dimensional stability. High tensile strength, tear strength and stiffness. Good register control.		
<b>Adhesive</b>		<b>RP 37</b>	
Type	Clear permanent adhesive.		
Composition	Acrylic, water borne.		
Tack min	9	N/25mm	FTM 9
Shear min	10	h	FTM 8
Peel 90°	7	N/25mm	FTM 2
<b>Backing</b>		<b>HD 70 WHITE</b>	
Product	White high transparent glassine backing paper.		
Substance	64	g/m <sup>2</sup>	ISO 536
Caliper	56	µm	ISO 534
Tensile strength MD	7.5	kN/m	ISO 1924
Tensile strength CD	2.7	kN/m	ISO 1924
Transparency	51	%	DIN 53147
<b>Performance</b>			
Total caliper	135 µm		
Minimum labelling temperature	5 °C		
Service temperature	-20 °C to 100 °C		


**UPM**
[www.upmraflatac.com](http://www.upmraflatac.com)

Shelf life From the date of manufacture 2 years at +20 °C and RH 50%. Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

### Information

Product information A trial is always recommended to verify the product/end use suitability.

Disclaimer 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**

[www.upmraflatac.com](http://www.upmraflatac.com)