

# UPM Raflatac Technical Information

05.05.2014 ENG 2136

<b>Product</b>	<b>PP CLEAR TC 60 / RP 74 / PET 30</b>		
Sales Code	NA/RP74/05		
EAN	6415788046821		
Product use	Biaxially oriented, ultra transparent PP film for huge range of applications. State-in-the-art Top Coating offers fine printability with most of the printing methods. Together with RF37 adhesive and PET30 liner; this is optimal product for multipurpose applications.		
<b>Face</b>	<b>PP CLEAR TC 60</b>		
Product	A transparent, glossy, biaxially oriented, top-coated polypropylene film.		
Substance	54	g/m <sup>2</sup>	DIN 53352
Caliper	59	µm	DIN 53370
Tensile strength MD	200.0	N/mm <sup>2</sup>	DIN 53455
Tensile strength CD	170.0	N/mm <sup>2</sup>	DIN 53455
Gloss	90	%	DIN 67530/2 45°
Printability	Suitable for flexography, screen, letterpress and offset printing methods. Special inks designed for non-absorbent materials should be used. In case of UV printing, consult your ink supplier for recommendations. Thermal transfer is possible with select ribbons.		
Advantages	Very high gloss. Good stiffness and dimensional stability. High tensile and tear strength. Good register control.		
<b>Adhesive</b>	<b>RP 74</b>		
Type	Ultra Clear permanent adhesive		
Composition	Acrylic, water borne.		
Shear min	30	h	FTM 8
<b>Backing</b>	<b>PET 30</b>		
Product	Clear polyester backing material.		
Substance	42	g/m <sup>2</sup>	ISO 536
Caliper	30	µm	ISO 534
Tensile strength MD	200.0	N/mm <sup>2</sup>	DIN 53455
Tensile strength CD	210.0	N/mm <sup>2</sup>	DIN 53455
<b>Performance</b>			
Total caliper	132 µm		
Minimum labelling temperature	10.0 °C		
Service temperature	0 °C to 120.0 °C		
Shelf life	From the date of manufacture 2 years in +20°C and RH50%. Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.		
<b>Information</b>			


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

Additional info Limited adhesion at low temperatures. The highest end-use temperature must be separately checked together with the face material.

### Approvals

#### Approvals & Certifications

The research centre ISEGA has given the adhesive approval for direct contact with dry and moist and such kind of fatty foods which have a reduction factor of at least 3 according to the Commission Regulation (EU) No 10/2011.

#### 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)