

## UPM Raflatac Technical Information

25-04-2020 EN SI

<b>Product</b>	<b>PP CLEAR TC 50 P / PERMANENT FILM / WHITE KRAFT 130 / SOLID PRINTED</b>
Sales Code	9D/SP37/35/W1
Product use	Ultra-clear product for demanding no-label look on rigid containers, where very good water, chemical and oil as well as scuff resistance is needed. Offers excellent UV-stability and resistance to water-whitening once labelled.

### Typical technical values

#### Face **PP CLEAR TC 50 P**

Product	A clear, glossy, biaxially oriented, top-coated polypropylene film.		
Substance	47	g/m <sup>2</sup>	ISO 536
Caliper	51	µm	ISO 534
Printability	Suitable for flexography, screen and offset printing methods. Thermal transfer is possible with selected wax-resin and resin ribbons.		

#### Adhesive **SP37**

Type	General purpose permanent for synthetic sheets.		
Composition	Acrylic dispersion.		
Use	Good adhesion properties and heat resistance. Excellent clarity, UV-stability and water resistance.		
Tack min	8	N	FTM 9
Shear min	8	h	FTM 8
PE-looptack min	5	N	modified FTM 9
Limitations	Limited adhesion at low temperatures.		

#### Backing **WHITE KRAFT 130**

Product	White woodfree kraft backing paper.		
Substance	135	g/m <sup>2</sup>	ISO 536
Caliper	134	µm	ISO 534
Tensile strength MD	7,5	kN/m	ISO 1924
Tensile strength CD	3,7	kN/m	ISO 1924

#### Performance

Total caliper	205 µm
Minimum labelling temperature	10 °C
Service temperature	-20 to 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.

## Information

Product availability

Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	50x70 / 100x70
PACKAGING TYPE	Ream wrapped / Bulk

## Approvals

Approvals

For further compliance information related to food labeling applications, please contact your local sales representative for a Declaration of Conformance (DoC) document.

Approvals

Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.

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