

UPM Raflatac Technical Information

25-04-2020 EN SI

Product

PP SOLID WHITE TC 60 / PERMANENT FILM / WHITE KRAFT 130 / SOLID PRINTED

Sales Code

MZ/SP37/35/W1

Product use

Multipurpose white film for rigid containers, where good water, chemical and oil resistance is needed. High cohesive strength provides resistance against delamination and stretching.

Typical technical values

Face

PP SOLID WHITE TC 60

Product

A white, glossy, biaxially oriented, solid, top-coated polypropylene film.

Substance

57 g/m² ISO 2286-1/2/3

Caliper

59 µm ISO 2286-1/2/3

Tensile strength MD

150 MPa ISO 527-1/3

Tensile strength CD

270 MPa ISO 527-1/3

Gloss

80 % DIN 67530/1

Printability

Suitable for flexography, screen and offset printing methods, as well as Xeikon digital label presses. Thermal transfer is possible with selected wax-resin and resin ribbons.

Advantages

Very high gloss. High stiffness and dimensional stability. High tensile and tear strength. Good register control.

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-loop tack 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/m² 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

213 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

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

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