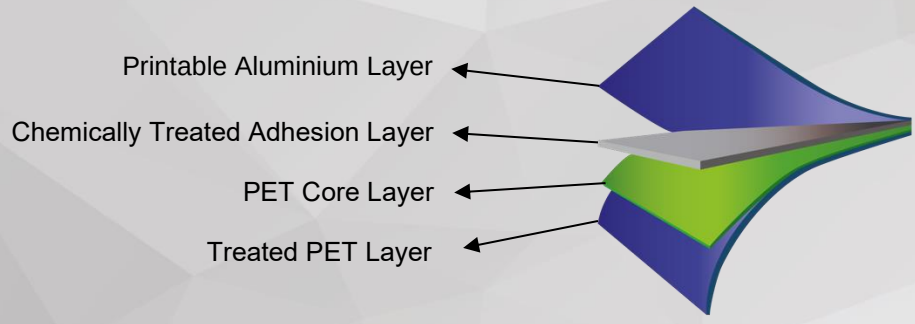

PETMET

BT 1032 CH

Description

PETMET BT 1032 CH is a metallized biaxially oriented polyester (BOPET) film with excellent shiny metallic appearence and barrier properties.

Metallized and non metallized sides treated to give excellent adhesion for wide range of inks and lamination adhesives.

General purpose metallized film for printing coating and lamination processes for flexible packaging applications. It is also an ideal substrate for decorative purposes.

Primering onto metal surface for adequate ink adhesion is highly recommended if used for surface print applications.

Any possible caution for blocking tendency during printing or/and process should be taken since the film is both sides treated.

Properties

- Excellent metal adhesion onto chemically treated surface
- Excellent shiny metalic appearance
- Excellent metal adhesion
- Excellent barrier properties
- High reflectivity to UV light
- Excellent stiffness and machinability
- Good dimensional stability
- Excellent ink, coating and adhesive adhesion

Factory & Head Office
Başpınar (Organize) OSB Mahallesi O.S.B
2. Bölge Hacı Sani Konukoğlu Bulvarı No:1
P +90 342 211 60 00 (20 lines) F +90 342 337 28 70

Superfilm Europe S.A
90 Esplanade de la Moselle
Wasserbillig, Luxembourg
P +352 261 19 922 F+352 261 19 921

www.superfilm.com

SUPER FILM
PACKAGING FILMS

Technical Features

PROPERTIES	TEST METHOD	UNITS		BT 1032 CH
THICKNESS	ASTM F 2251	micron		12
		Gauge		48
YIELD	ASTM D 4321	m^2/kg		59,5
		in^2/Lbs		41.800
UNIT WEIGHT	ASTM D 4321	g/m^2		16,8
OXYGEN TRANSMISSION RATE (23°C-0%RH)	ASTM D 3985	$cc/m^2/24hrs$		1
		$cc/100in^2/24hrs$		0,06
WATER VAPOUR TRANSMISSION RATE (38°C-90%RH)	ASTM F 1249	$g/m^2/24hrs$		0,30
		$g/100in^2/24hrs$		0,019
TENSILE STRENGTH AT BREAK	ASTM D 882	MD	N/mm^2	240
			lb/in^2	34.800
		TD	N/mm^2	260
			lb/in^2	37.700
ELONGATION AT BREAK	ASTM D 882	MD	%	140
		TD		110
THERMAL SHRINKAGE (150 °C, 30 min, air)	ASTM D 1204	MD	%	2,0
		TD		0,5
COEFFICIENT OF FRICTION	ASTM D 1894	Film/Film (Dynamic)		< 0,70
OPTICAL DENSITY	MACBETH TD 931	-		3,0

Product Identification (Decision 97/129/EC): PET1

Regulatory Status

Our product complies with the applicable EC legislation on packaging involving direct contact with foods except metallized films. Full details are given on the Regulatory Compliance Certificate and can be found on our web site.

Metallization is a special process and aluminium coated surface is very sensitive to environmental conditions. Even though metal surface tension is above 40 dynes after production, it tends to decrease within time influencing by climatic conditions and storage periods. A guarantee of the duration of surface tension of metallized surface can not be given. We recommend to store metallized films in a dry place and at temperatures below 30ºC. It is also advised to use metallized films as 'First in, First Out' principle. In-line treatment and/or primering onto metal surface for adequate ink or coating adhesion is strongly recommended. The metallized surface can normally be laminated with most of the substrates. Other properties of the metallized films are guaranteed for 6 months from the date of production.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intended to give general information on our products and their applications. Above values are to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customers to determine final suitability for their specific end uses.

Also be advised that information on this data sheet shall not be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing, pending or future patents.

For related spec sheet with tolerance values, please contact our sales departments

STANDARD ROLL DIMENSIONS			
CORE INNER DIAMETER (ID)	CORE OUTER DIAMETER (OD)	LENGTH TOLERANCE	WIDTH TOLERANCE
76 mm (3 in) & 152 mm (6 in)	530 mm & 790 mm *	± % 10 for all OD's	- 0 & + 4 mm

* 790 mm OD is available for BOPET films above 400 mm width

REV: 02 Date: 07.06.2023

SANKO

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