SUPER FILM
PACKAGING FILMS

Treated Polypropylene Layer
Modified Layer
White Opaque Cavitated Core Layer
Modified Layer
Treated Matt Layer

BOPMAR

1512 MD

Description

BOPMAR 1512 MD is a white opaque, cavitated, high yield, BOPP film designed for margarine and flower wrapping applications. One side glossy and other side matt, both sides treated.

BOPMAR 1512 MD is developed especially for fat containing foods which packed on rectangular shape like margarine, butter and alike where deadfold property is important. It can also be used for different packaging applications like flower wrapping. Very low density (0,55 g/cm^3) and high yield values make it economical alternative to replace paper. It is suitable for gravure, flexo, UV & oxidative offset, letterpres and screen printing.

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

Properties

• Extremely high yield due to very low density

• Excellent web flatness and good dimensional stability

• Excellent die cutting properties

• Applicable for sheet-fed applications

• Required level of anti-static properties at all processes

• Excellent ink adhesion

• Resistance to chemicals, greases, oil, fruit acid and sugar

• The film shelf life 3 months

Technical Features

PROPERTIES	TEST METHOD	UNITS		1512 MD
THICKNESS	ASTM F2251	micron		75
		Gauge		300
YIELD	ASTM D4321	m²/kg		24,2
		in²/Lbs		17.000
UNIT WEIGHT	ASTM D4321	g/m²		41,3
GLOSS (45 °) (*)	ASTM D2457	%		20
LIGHT TRANSMISSION	ASTM D1746	%		15
OPACITY	DIN 53146	%		85
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm²	70
			lb/in²	10.200
		TD	N/mm²	125
			lb/in²	18.100
ELONGATION AT BREAK	ASTM D882	MD	%	130
		TD		40
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3
		TD		1
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film		0,40
		Film/Metal		0,25
SURFACE TENSION	ASTM D2578	Dyne/cm	Glossy Side	38
			Matt Side	38

(*) Matt surface

"Product Identification (Decision 97/129/EC): PP5"

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.

The film can also be supplied with ISCC+ certified raw materials with the category of bio-circular feedstock under the product group of SUPRENEW and category of circular feedstock under the product group of SUPCYCLE. SUPRENEW and SUPCYCLE products are certified with "Mass Balance" chain of custody system under ISCC+ and due to chemical processing of the feedstock, there is no compromise & change on any specific feature of the film given in this TDS regardless of the sustainable content in the film. Therefore all product properties of this film covers the same product code with SUPRENEW or SUPCYCLE brand. Three digits will be added to the end of the ISCC+ certified product code. SUPRENEW products will be differentiated with Rxx (R will communicate that the film is circular xx code will communicate the sustainable content % of the film) and SUPCYCLE products will be differentiated with Pxx (P will communicate that the film is circular xx code will communicate the sustainable content % of the film). Further details of the sustainable content of the film will be given in the Sustainability Declaration (SD) prepared for each ISCC+ certified order.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intented 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 *	± % 5 for ≤ 390 mm OD ± % 10 for > 390 mm OD	- 0 & + 4 mm

* 790 mm OD is available for BOPP films above 350 mm width