



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/cm³) and high yield values make it economical alternative to replace paper. It is suitable for gravure, flexo, UV & oxidative offset, letterpress 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

Technical Features

PROPERTIES	TEST METHOD	UNITS		1512 MD
THICKNESS	ASTM F2251	micron		75
		Gauge		300
YIELD	ASTM D4321	m ² /kg		24,2
		in ² /Lbs		17.000
UNIT WEIGHT	ASTM D4321	g/m ²		41,3
GLOSS (45 °) (*)	ASTM D2457	%		20
LIGHT TRANSMISSION	ASTM D1746	%		15
OPACITY	DIN 53146	%		85
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm ²	70
			lb/in ²	10.200
		TD	N/mm ²	125
			lb/in ²	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

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 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