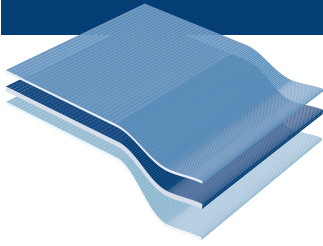


POLYESTER FILM BMAT



MATTE finished
PET Homopolymer
PVdC COATING

MATTE finished, biaxially oriented polyester film,
with PVdC COATING BARRIER on the opposite side.

Characteristics

- POLYESTER FILM BMAT is a LOW GLOSS polyester film with PVdC COATING BARRIER on the opposite side.
- The PVdC layer is designed to improve the barrier to water, oxygen, and other gases.
- Provides excellent adhesion to inks and moderate heat sealability to itself and PET based substrates.
- The film has excellent thermal and dimensional stability.
- POLYESTER FILM BMAT complies with international regulations for food contact. Specific documents are available upon request.

Applications

Film of choice for applications requiring extended shelf-life or protection against aroma and matte finishing. The PVdC layer provides barrier to oxygen, water vapor, other gases and aromas. PET being suitable for high temperature sealing. The barrier properties of POLYESTER FILM BMAT can be affected by heat treatments as pasteurization.

Typical Values

PROPERTIES		Analysis Methods	Unit	Typical Values
Thickness		ASTM E 252	µm	13,5
Basis Weight		ASTM D 646	g/m ²	18,8
Yield		ASTM D 646	m ² /kg	53,2
Tensile strength at break	MD	ASTM D 882	kgf/mm ²	19
	TD			20
Elongation at break	MD	ASTM D 882	%	120
	TD			100
Initial modulus	MD	ASTM D 882	kgf/mm ²	430
	TD			480
Haze		ASTM D 1003	%	45
Light transmission		ASTM D 1003	%	86
Gloss at 60°		ASTM D 2457	GU	50
Shrinkage	MD	150°C / 30 min	%	1,5
	TD			0
Coefficient of friction (Side A x Side B)	Static	ASTM D 1894	-	0,5
	Dynamic			0,4
Water vapour transmission rate		ASTM F 1249 38°C - 90% RH	g/m ² .day	8
Oxygen transmission rate		ASTM F 1927 25°C - 85% RH	cm ³ /m ² .day	8

* Volumes by request

Note:

The information and suggestions contained herein represent the best information available to TERPHANE INC. and we believe them to be reliable. They should not, however, be construed as controlling and are presented without guarantee of performance either express or implied. We urge purchasers to conduct confirmatory tests to determine final suitability for their specific end uses. No statement with respect to use is intended as a positive recommendation for such use and no warranty with respect to infringement of patents held by others is made or intended.

For additional information, please contact our commercial department.

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