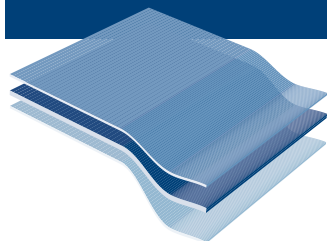


POLYESTER FILM MMAT



METALLIZED layer
PET Homopolymer
MATTE finished

MATTE, biaxially oriented polyester film,
with METALLIZED layer on one side.

Characteristics

- MMAT is a LOW GLOSS polyester film with one metallized layer on the opposite side;
- Very low permeability to gas, water vapour and aroma;
- POLYESTER FILM MMAT complies with international regulations for food contact. Specific documents are available upon request.

Applications

Base film for industrial and packaging applications requiring a MATTE dull finish. It can be metallized, printed and laminated using traditional processes.

Typical Values

PROPERTIES	Analysis Methods	Unit	Typical Values	
Thickness	ASTM E 252	µm	12	
Basis weight	ASTM D 646	g/m ²	16,8	
Yield	ASTM D 646	m ² /kg	59,5	
Tensile strength at break	MD TD	ASTM D 882	kgf/mm ²	20 22
Elongation at break	MD TD	ASTM D 882	%	100 90
Initial modulus	MD TD	ASTM D 882	kgf/mm ²	400 420
Shrinkage	MD TD	150°C / 30 min	%	1,1 0
Coefficient of friction (Side A x Side B)	Static Dynamic	ASTM D 1894	-	0,5 0,4
Water vapour transmission rate	ASTM F 1249 38°C - 90% RH	g/m ² .day		1,0
Oxygen transmission rate	ASTM F 1927 25°C - 85% RH	cm ³ /m ² .day		1,0

DEVELOPMENTAL PRODUCT - PRELIMINARY TECHNICAL DATA SHEET

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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