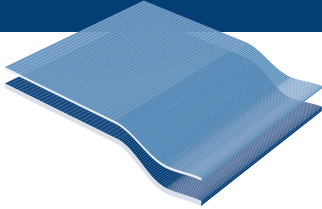


POLYESTER FILM MHB



METALLIZED treated side
PET Homopolymer

METALLIZED BARRIER, biaxially oriented polyester film,
with HIGH METAL ADHESION.

Characteristics

- TERPHANE MHB is a metallized polyester film with HIGH METAL ADHESION and HIGH OPTICAL DENSITY.
- The film has excellent metallization, dimensional stability and barrier.
- HIGHER BARRIER due to an enhanced metallization process.
- TERPHANE MHB complies with international regulations for food contact. Specific documents are available upon request.

Applications

Lamination with plastic films and other substracts. Indicated in 2 or 3-ply laminated structures. Packages requiring higher barrier against gas, water vapour and aroma. Examples: coffee and pet food.

Typical Values

PROPERTIES		Test Conditions	Unit	Typical Values	
Thickness		ASTM E 252	µm	10*	12
Basis weight		ASTM D 646	g/m ²	14	16,8
Yield		ASTM D 646	m ² /kg	71,4	59,5
Tensile strength at break	MD	ASTM D 882	kgf/mm ²	21	
	TD			22	
Elongation at break	MD	ASTM D 882	%	120	
	TD			100	
Initial modulus	MD	ASTM D 882	kgf/mm ²	450	
	TD			500	
Optical density		ASTM D 1003	-	2,6	
Shrinkage	MD	150°C / 30min.	%	1,5	
	TD			0	
Water vapour transmission rate		ASTM F 1249 38°C - 90% RH	cm ³ /m ² .day	0,8	
Oxygen transmission rate		ASTM F 1927 25°C - 85% RH	g/m ² .day	0,8	
Metal adhesion		Terphane LAB-MA-0021	gf/in	600	

* 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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