



THERMO SEALABLE Copolymer - EASY OPEN
PET Homopolymer

TRANSPARENT, biaxially oriented polyester film,
THERMO SEALABLE - EASY OPEN on one side.

Characteristics

- Excellent thermal and mechanical stability;
- High barrier against gas, water vapor and aroma;
- Can be used in direct contact with food;
- Large sealing temperature range without deformation;
- Self venting effect when heated in microwave or conventional oven;
- EASY OPEN on the thermo sealable side;
- The thermo sealable side provides ink adhesion.

Applications

Indicated for tray lids or safety seals. Sealing on trays and bottles made of APET, CPET, PETG; or on PET films and PET coated cardboards.

Typical Values

PROPERTIES		Analysis Methods	Unit	Typical Values		
Thickness		ASTM D 374	µm	13,5	20*	25
Basis weight		ASTM D 646	g/m ²	18,9	28	35
Yield		ASTM D 646	m ² /kg	52,9	35,7	28,6
Tensile strength at break	MD	ASTM D 882	kgf/mm ²	18		
	TD			16		
Elongation at break	MD	ASTM D 882	%	135		
	TD			95		
Initial modulus	MD	ASTM D 882	kgf/mm ²	370		
	TD			410		
Haze		ASTM D 1003	%	10	12	14
Shrinkage at 150°C - 30'	MD	Terphane GT-MA-022	%	1,0		
	TD			-0,2		
Coefficient of friction (int. side X ext. side)	Static	ASTM D 1894	-	0,2		
	Dynamic			0,2		
Oxygen transmission rate		ASTM D 3985 25°C - dry	cm ³ /m ² .day	110	70	60
Water vapor transmission rate		ASTM F 1249 38°C - 90% UR	g/m ² .day	45	30	25
Heat seal strength (sealable side x sealable side)		140°C - 1,7 bar 1 sec	gf/pol	240		

* 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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