



MAXOPP - TIML
BOPP Films

Technical Data Sheet

Transparent Plain Corona Treated Both Sides High Treatment Outside for
In-Mould Labels



AVAILABLE CALIPERS :
50 microns

DESCRIPTION

MAXOPP TIML is transparent high gloss BOPP film specially developed for in-mould labelling applications. It is designed for optimized performance on the most demanding labelling machines and superior graphics.

PRODUCT FEATURES

- Excellent anti-static properties
- Robust machinability
- Superb gloss
- Excellent die cutting

APPLICATIONS

In-Mould Labels for PP & PE Injection Moulding

- Ice Cream Containers and lids
- Paints / Chemical / Motor oil containers



TECHNICAL INFORMATION

Properties	Position	T50TTOIML	Unit	Method
Nominal Thickness	-	50	μ	MAX
Density	-	0.91	g/cc	MAX
Grammage	-	45.5	g/m ²	ASTM D 1505
Yield	-	22.0	m ² /kg	MAX
• OPTICAL				
Haze	-	3.5	%	ASTM D 1003
Gloss	-	90	^ 45°	ASTM D 2457
• MECHANICAL				
Tensile Strength (at break)	- MD	1400	kg/cm ²	ASTM D 882
	- TD	2800		
Elongation (at break)	- MD	180	%	ASTM D 882
	- TD	50		
Elastic Modulus	- MD	18000	kg/cm ²	ASTM D 882
	- TD	28000		
• THERMAL				
Linear Shrinkage (max)	- MD	4	%	MAX
	- TD	2		
* 38 dyne/cm guaranteed for 4 months from delivery				

The figures and above properties refer to average values of laboratory test on samples of our standard production, it is understood that this entails no obligation or responsibility on our part. Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a product specification.

Guidelines for storage

Temperature should preferably be less than 30°C & humidity 55±5% in storage areas and material should be consumed with three months of receipt. MAXOPP films should be allowed to reach operating room temperature 24 hours before use. Film characteristics are maintained for six months from the date of manufacturing except for corona treated layer surface tension

Food Contact

MAXOPP films complies with the requirements of FDA, EC & REACH regulations. Specific documentation is available on request

Safety

Compliance with industrial health and safety standards. MAXOPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health & safety regulations are observed. Relevant guidelines can be found in our MSDS (available upon request).