

## T38TTOIML

TRANSPARENT NON SEALABLE CORONA TREATED BOTH SIDES WITH HIGH TREATMENT OUTSIDE FOR IN-MOULD LABELS



High Corona Treated Glossy Surface for Printing  
OPP Core  
Corona Treated Glossy Surface for Bonding



AVAILABLE  
CALIPERS

### DESCRIPTION

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

### PRODUCT FEATURES

- Excellent anti-static properties
- Good printability (With UV inks inline corona treatment is strongly recommended)
- Robust Machinability
- Superb Gloss
- Excellent web flatness

### APPLICATIONS

- Ice-cream containers and lids
- Paints / Chemical / Motor oil containers

### NOMENCLATURE

T38TTIIML... High corona treated surface is Inside & Low corona treated surface is outside  
T38TTOIML... High corona treated surface is Outside & Low corona treated surface is Inside

	PROPERTIES	POSITION	T38TTOIML	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	38	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	34.58	g/m <sup>2</sup>	Internal Method
	Yield	-	28.92	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	85	GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film	0.30	-	ASTM D 1894
	Wetting Tension	-	38*	dy/cm	ASTM D 2578
	Static Half life	-	< 5	sec	Internal Method
MECHANICAL	Tensile Strength (at break)	-MD -TD	1200 2500	kg/cm <sup>2</sup>	ASTM D 882
	Elongation (at break)	-MD -TD	190 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	18000 28000	kg/cm <sup>2</sup>	ASTM D 882
THERMAL	Linear Shrinkage (max)	-MD	4	%	Internal Method
		-TD	2		

\* 38 dyne/cm guaranteed for 3 months & 36 dyne/cm guaranteed for 6 months from the invoice date in controlled ambient condition as mentioned in storage guidelines.

The figures and above properties refer to typical values which are indicative only. 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. OPP 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.

#### FOOD CONTACT

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

#### SAFETY

Compliance with industrial health and safety standards. OPP 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).

#### CAUTIONS

- Film characteristics are maintained for six months from the date of invoicing except for corona treated layer surface tension..