

TTIML

BOPP FILMS

TRANSPARENT CORONA TREATED BOTH SIDES WITH HIGH TREATMENT
INSIDE FOR IN-MOULD LABEL APPLICATION



Corona Treated Glossy Surface for Bonding

OPP Core

High Corona Treated Glossy Surface For Printing

50,57

MICRONS

AVAILABLE
CALIPERS

DESCRIPTION

OPP TTIML 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

	PROPERTIES	POSITION	T50TTOIML	T57TTOIML	UNIT	METHOD
GENERAL	Nominal Thickness	-	50	57	μ	Internal Method
	Density	-	0.91	0.91	g/cc	Internal Method
	Grammage	-	45.5	51.9	g/m ²	Internal Method
	Yield	-	22.0	19.3	m ² /kg	Internal Method
OPTICAL	Haze	-	3		%	ASTM D 1003
	Gloss	-	85		GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film	0.3		-	ASTM D 1894
	Wetting tension	-	38*		dyne/cm	ASTM D 2578
	Static Half Life	-	< 5		Sec	Internal Method
MECHANICAL	Tensile Strength (at break)	- MD	1200		kg/cm ²	ASTM D 882
		- TD	2500			
	Elongation (at break)	- MD	200		%	ASTM D 882
		- TD	60			
THERMAL	Elastic Modulus	- MD	18000		kg/cm ²	ASTM D 882
		- TD	28000			
	Linear Shrinkage	- MD	4		%	Internal Method
		- TD	2			

* 38 dyne/cm guaranteed for 3 months from delivery in controlled ambient conditions as per 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 within three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use.

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 manufacturing except for wetting tension