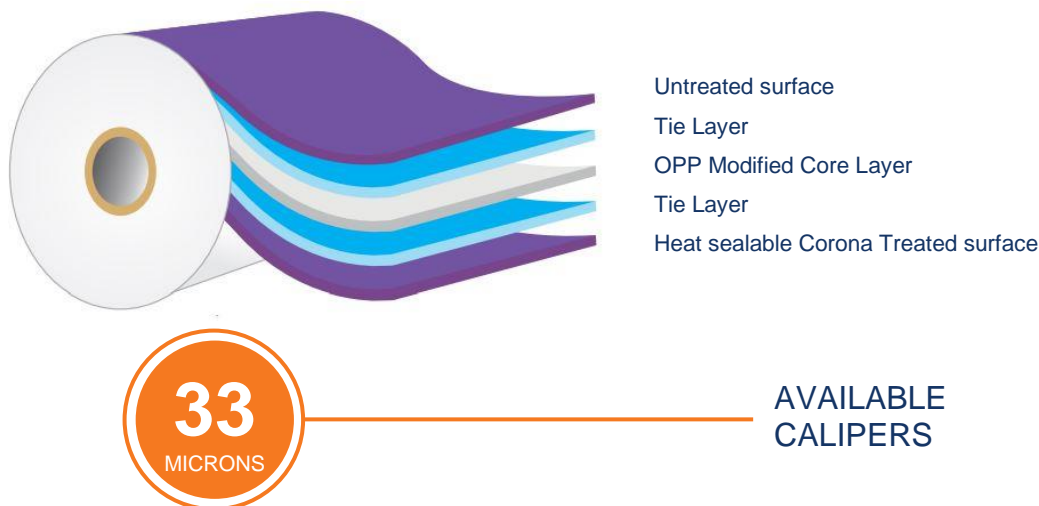


PROVISIONAL

TS33TI-MCP

TRANSPARENT 33 MICRON ONE SIDE CORONA TREATED BOPP FOR IN MOULD APPLICATION



DESCRIPTION

TS33TI-MCP is transparent inside corona treated BOPP film. Moreover it's inside high corona treated surface is specifically designed for printing application. This film is specifically designed for high static In-mould application.

PRODUCT FEATURES

- High static film for IML application
- Excellent mechanical properties
- Better Optical properties
- Good Wetting Tension

APPLICATIONS

- In-mould label

NOMENCLATURE

TS33TI-MCP - Corona treated side is inside for printing & other side is untreated surface

TS33TO-MCP - Corona treated side is outside for printing & other side is untreated surface

PROVISIONAL

	PROPERTIES	POSITION	TS33TI-MCP	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	33	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	30.03	g/m ²	Internal Method
	Yield	-	33.3	m ² /kg	Internal Method
OPTICAL	Haze	-	3.0	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film	0.45	-	Internal Method
	Wetting Tension	Inside	38*	dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD	1300 2600	kg/cm ²	ASTM D 882
	Elongation (at break)	-MD -TD	180 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	18000 38000	kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage	-MD -TD	3 1	%	ASTM D 1204
	Seal Initiation Temp.	-	NA	-	Internal Method
	Heat Seal Strength	-	NA	-	Internal Method

* 38 dyne/cm guaranteed for 4 months from the invoice date in controlled ambient condition as per below 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 invoicing except for wetting tension
- Strongly recommend online corona treatment in metallized films during lamination as treatment level decay with time is a natural phenomenon which depends on ambient conditions (Recommended storage conditions: Temperature < 30 deg. C & Humidity 55% (Maximum) in original packed condition)