

PROVISIONAL

TTTIA

TRANSPARENT CORONA TREATED BOTH SIDE & HIGHER TREATMENT INSIDE BOPP FILM FOR CONVERSION



DESCRIPTION

TTTIA is transparent plain high gloss both side corona treated **BOPP** film. One side of this film having high corona treatment with improved adhesion and other side is low corona treated BOPP film. This film is specially designed for printing and lamination process.

PRODUCT FEATURES

- Improved adhesion at high corona treated surface
- Outstanding clarity and gloss
- Printable / Glueable
- Robust machinability
- Suitable for food contact applications
- Water/ Oil/ Grease repellent
- Excellent wetting tension

APPLICATIONS

- Can be used as outside/inner web of laminates
- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Chips/snacks/pasta
- Miscellaneous industrial and house hold applications

NOMENCLATURE

TTTIA... High corona treated surface is Inside & low corona treated surface is Outside

TTTOA... High corona treated surface is Outside & low corona treated surface is Inside

PROVISIONAL

	PROPERTIES	POSITION	T18TTIA	T20TTIA	T30TTIA	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	18	20	30	μ	Internal Method
	Density	-	0.91	0.91	0.91	g/cc	Internal Method
	GSM	-	16.4	18.2	27.3	g/m ²	Internal Method
	Yield	-	61.1	54.9	36.6	m ² /kg	Internal Method
OPTICAL	Haze	-	2.0	2.0	2.5	%	ASTM D 1003
	Gloss	-		95		GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film		0.30		-	ASTM D 1894
	Wetting tension	-		38*		dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD		1300 2700		kg/cm ²	ASTM D 882
	Elongation (at break)	-MD -TD		190 60		%	ASTM D 882
	Elastic Modulus	-MD -TD		18000 28000		kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage (max)	-MD -TD		4 2		%	Internal Method

* 38 dyne/cm guaranteed for 3 months & 36 dyne/cm 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