

PROVISIONAL

TS18TI-HSTW

BOPP FILMS

TRANSPARENT ONE SIDE CORONA TREATED & OTHER SIDE HEAT SEALABLE FILM FOR TWIST APPLICATIONS



Corona Treated Printable Surface
Modified OPP Core
Untreated Heat Seal Surface



AVAILABLE
CALIPERS

DESCRIPTION

OPP TS-HSTW is transparent BOPP film. It is one side corona treated for printing purpose and other side Untreated heat seal surface. Film is specifically designed to provide good twist retention and dead fold properties so as to be used either single layer or in lamination with other twist grade BOPP/CPP.

PRODUCT FEATURES

- Good twist retention properties
- Excellent stiffness and mechanical properties
- Controlled COF for better twist retention
- Good moisture and oxygen barrier

APPLICATIONS

Twist wrapping for

- Hard boiled Candies
- Chocolates
- Toffees / Mints etc.
- Household & Detergents

NOMENCLATURE

TS18TI-HSTW..Corona treated printable surface is Inside & Untreated heat seal surface is Outside

TS18TO-HSTW..Corona treated printable surface is Outside & Untreated heat seal surface is Inside

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	PROPERTIES	POSITION	TS18TI-HSTW	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	16.4	g/m ²	Internal Method
	Yield	-	61.0	m ² /kg	Internal Method
OPTICAL	Gloss	-	90	GU	ASTM D 2457
SURFACE	Wetting Tension	-	38*	dy/cm	ASTM D 2578
	COF (Maximum)	Film / Film	0.30	-	ASTM D 1894
MECHANICAL	Elastic Modulus	-MD -TD	27000 45000	kg/cm ²	ASTM D 882
THERMAL	Seal Initiation Temp.	-	115	°C	Internal Method
	Heat Seal Strength	-	400	g/25mm	Internal Method
BARRIER					
	WVTR (38°C, 90% rh)	-	5	g/m ² /day	ASTM F 1249

* 38 dyne/cm guaranteed for 4 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 wetting tension.

TOPPAN SPECIALITY FILMS