

TSTTAF

BOPP FILMS

TRANSPARENT HEAT SEALABLE CORONA TREATED BOTH SIDES FOR ANTI FOGGING APPLICATIONS



DESCRIPTION

OPP TSTTAF is transparent co-extruded both side heat sealable both side corona treated anti fogging **BOPP** film. It is one side corona treated heat seal surface for printing and other side corona treated heat seal surface exhibiting excellent antifog effect on refrigeration at room temperature.

PRODUCT FEATURES

- Excellent cold anti fogging effect
- Good performance on HFFS & VFFS machines
- Good printability and suitable for lamination with other substrates
- Good optical properties
- Good stiffness and mechanical properties

APPLICATIONS

Can be used as a single web or in laminate structures

- Fresh cut vegetables, fruits and salads etc
- Meat packaging
- Flower wrapping

	PROPERTIES	POSITION	TS25TTIAF	TS30TTIAF	TS35TTIAF	TS40TTIAF	UNIT	METHOD
GENERAL	Nominal Thickness	-	25	30	35	40	μ	Internal Method
	Density	-	0.91	0.91	0.91	0.91	g/cc	Internal Method
	Grammage	-	22.75	27.3	31.85	36.4	g/m ²	Internal Method
	Yield	-	44.0	36.6	31.4	27.5	m ² /kg	Internal Method
OPTICAL	Haze	-	2.5	2.5	2.5	3.0	%	ASTM D 1003
	Gloss	-	95	95	95	95	GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film		0.25			-	ASTM D 1894
	Wetting tension	-		38*			Dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD - TD		1200 2700			kg/cm ²	ASTM D 882
	Elongation (at break)	- MD - TD		210 60			%	ASTM D 882
	Elastic Modulus	- MD - TD		18000 28000			kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage (Max)	- MD - TD		4 2			%	ASTM D 1204
	Heat Seal Range	-		119-145			°C	Internal Method
	Seal Strength	AF side		600			g/25mm	Internal Method (130°C/1sec/30psi)
ANTIFOG EFFECT	Cold Antifog	-		E			Rating A TO E A - Poor E -Excellent	Internal Method (4°C/7 days)

* 38 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 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