

TS15TIESPL

BOPP FILMS

TRANSPARENT HEATSEAL 15mBOPP FILM SPECIAL CORONA TREATED LAYER FOR IMPROVED INK RECEPTIVITY



Corona Treated Special Polymer Heat Seal Layer

OPP Core

Heat Seal Layer



AVAILABLE
CALIPERS

DESCRIPTION

OPP TS15TIESPL is transparent co-extruded **BOPP** film, corona treated side specially formulated with special polymer for improved ink adhesion characteristics. Untreated heat seal layer provides consistent low coefficient of friction for good performance on packaging machines.

PRODUCT FEATURES

- Excellent ink adhesion on corona treated printing side
- Good sealing properties in term of strength, hot-tack and integrity
- Remarkable performance on HFFS & VFFS machines
- Good optical properties
- Good stiffness and mechanical properties
- Non toxic
- Lap sealable

APPLICATIONS

To be used as top layer reverse printed layer in laminate structures.

- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Frozen food
- Health and beauty care
- Household and detergents

	PROPERTIES	POSITION	TS15TIESPL	UNIT	METHOD
GENERAL	Nominal Thickness	-	15	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	13.7	g/m ²	Internal Method
	Yield	-	73.0	m ² /kg	Internal Method
SURFACE OPTICAL	Haze	-	2	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
	COF	Utr/Utr	0.15-0.40	-	ASTM D 1894
MECHANICAL	Wetting Tension	-	38	dyne/cm	ASTM D 2578
	Tensile Strength (at break)	- MD	1200	kg/cm ²	ASTM D 882
		- TD	2600		
	Elongation (at break)	- MD	220	%	ASTM D 882
THERMAL		- TD	60		
	Elastic Modulus	- MD	18000	kg/cm ²	ASTM D 882
		- TD	28000		
	Linear Shrinkage (max)	- MD	4	%	ASTM D 1204
THERMAL		- TD	2	%	
	Heat Seal Range	-	105-145	°C	Internal Method
	Heat Seal Strength@110° C	-	200	g/25mm	Internal Method (0.5sec/30psi)
	Heat Seal Strength@120° C	-	350		
THERMAL	WVTR 38° C 90% rh	-	8.5	g/m ² /day	ASTM F 1249

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