

PROVISIONAL

TS30TI-PIR

BOPP FILMS

TRANSPARENT HEAT SEALABLE CORONA TREATED ONE SIDE FOR
CONVERSION



Corona Treated Heat Seal Surface
OPP Core (PIR Content)
Untreated Heat Seal Surface



AVAILABLE
CALIPERS

DESCRIPTION

TS30TI-PIR is transparent co-extruded both side heat sealable **BOPP** film. It is one side corona treated & both side heat sealable. Untreated heat-seal surface have good seal strength and sealing range which gives optimum performance on wide range of packaging machines. It contains Post Industrial Recycle (PIR) material.

PRODUCT FEATURES

- It contains POST INDUSTRIAL RECYCLE (PIR) material
- Good sealing properties
- Total forgiving on HFFS & VFFS machines
- Good printability and suitable for lamination with other substrates
- Good Optical properties
- Good Stiffness & Mechanical properties

APPLICATIONS

Can be used as a single web or in laminate structures.

- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Chips/snacks/pasta
- Health and beauty care
- Household & Detergents

NOMENCLATURE

TS30TI-PIR... Corona treated Surface Inside, Untreated Heat Seal Surface Outside
TS30TO-PIR... Corona treated Surface Outside, Untreated Heat Seal Surface Inside

PROVISIONAL

	PROPERTIES	POSITION	TS30TI-PIR	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	30	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	27.3	g/m ²	Internal Method
	Yield	-	36.6	m ² /kg	Internal Method
OPTICAL	Haze	-	3.5	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	Wetting Tension	-	40	dy/cm	ASTM D 2578
	COF (Maximum)	Film/Film	0.45	-	ASTM D 1894
MECHANICAL	Tensile Strength (at break)	-MD -TD	1300 2700	kg/cm ²	ASTM D 882
	Elongation (at break)	-MD -TD	200 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	18000 32000	kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage (max)	-MD -TD	4 2	%	Internal Method
	Heat Seal Range	-	115-145	°C	Internal Method
	Heat Seal Strength	-	420	g/25mm	Internal Method

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.
- Coated reels must not be stacked.