

PROVISIONAL

## TS30TOVSPL2

BOPP FILMS

TRANSPARENT HEAT SEALABLE CORONA TREATED ONE SIDE BASE  
FILM LOW SEAL HIGH HSS FOR METALIZATION



Corona Treated surface for metalization

OPP Core

Untreated High Heat Seal strength Surface



AVAILABLE  
CALIPERS

### DESCRIPTION

TS30TOVSPL2 is transparent co-extruded heat sealable **BOPP** film for metalization. It is one side corona treated mainly for metalization and other side untreated heat seal surface have excellent seal strength and sealing range which gives optimum performance on wide range of packaging machines.

### PRODUCT FEATURES

- Good sealing properties
- Excellent Seal strength
- Good performance on HFFS & VFFS machines
- Better treatment retention for good Metal bond strength
- Good Optical properties
- Good Stiffness & Mechanical properties

### APPLICATIONS

Base film for Metalization

### NOMENCLATURE

TS30TIVSPL2..Corona treated metalizable surface is Inside & Untreated sealable surface is Outside

TS30TOVSPL2..Corona treated metalizable surface is Outside & Untreated sealable surface is Inside

## PROVISIONAL

	PROPERTIES	POSITION	TS30TOVSPL2	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	30	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	27.3	g/m <sup>2</sup>	Internal Method
	Yield	-	36.6	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	3.0	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	Wetting Tension	-	38*	dy/cm	ASTM D 2578
	COF (Maximum)	Film / Film	0.40	-	ASTM D 1894
MECHANICAL	Tensile Strength (at break)	-MD -TD	1100 2500	kg/cm <sup>2</sup>	ASTM D 882
	Elongation (at break)	-MD -TD	180 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	16000 32000	kg/cm <sup>2</sup>	ASTM D 882
THERMAL	Linear Shrinkage (max)	-MD -TD	4 2	%	Internal Method
	Seal Initiation Temp. (max)	-	105	°C	Internal Method
	Heat Seal Strength	-	650	g/25mm	Internal Method

\* 38 dyne/cm guaranteed for 4 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.