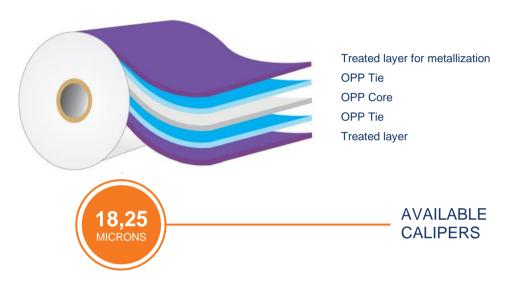
## **TSTTOV**

# TRANSPARENT NON SEALABLE BOTH SIDE TREATED BOPP FILM FOR VACUUM METALLIZATION



## **DESCRIPTION**

OPP TSTTOV is transparent both side treated **BOPP** film for vacuum metallization. It's one side is specifically formulated for vacuum metallization & other side corona treated surface has good treatment rate for conversion application.

### **PRODUCT FEATURES**

- Good treatment retention
- Excellent runnability on HFFS & VFFS machines
- Good stiffness and mechanical properties

## **APPLICATIONS**

Base film for vacuum metallization

## **NOMENCLATURE**

TTOV - Outside vacuum metallization and other side is for conversion application TTIV - Inside vacuum metallization and other side is for conversion application

TEST METHOD

**Internal Method** 

Internal Method
Internal Method
Internal Method

**ASTM D 1003 ASTM D 2457** 

**ASTM D 2578** 

**ASTM D 882** 

**ASTM D 882** 

**ASTM D 882** 

**ASTM D 1204** 

PROPERTIES	POSITION	TS18TTOV	TS25TTOV	UNITS
			'	
Nominal Thickness	-	18	25	μ
Density	-	0.91	0.91	g/cc
GSM	-	16.38	22.75	g/m²
Yield	-	61.05	43.96	m²/kg
Haze	-	2.5		%
Gloss	- 90		90	GU
Wetting Tension	B. d i i.	38*		1
Wetting rension	Both side			dynes/cm
Tensile Strength	-MD		1300	kg/cm <sup>2</sup>
(at break)	-TD			Kg/OIII
Elongation	-MD	200		%
(at break)	-TD	70		
Elastic Modulus	-MD			kg/cm <sup>2</sup>
	-10		28000	
Linear Shrinkage	-MD			%
	-TD	:	2	
	Nominal Thickness Density GSM Yield Haze Gloss Wetting Tension  Tensile Strength (at break) Elongation (at break) Elastic Modulus	Nominal Thickness Density GSM Yield - Haze Gloss - Wetting Tension Both side  Tensile Strength (at break) Elongation (at break) Elastic Modulus -TD Elastic Modulus -MD -TD  Linear Shrinkage -MD	Nominal Thickness - 18 Density - 0.91 GSM - 16.38 Yield - 61.05  Haze - Gloss Wetting Tension Both side  Tensile Strength (at break) -TD Elongation (at break) -TD Elastic Modulus -MD -TD  Linear Shrinkage -MD	Nominal Thickness   -     18   25     25       25

<sup>\* 38</sup> dyne/cm guaranteed for 3 months from the invoice date in controlled ambient condition as per below 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 except for wetting tension