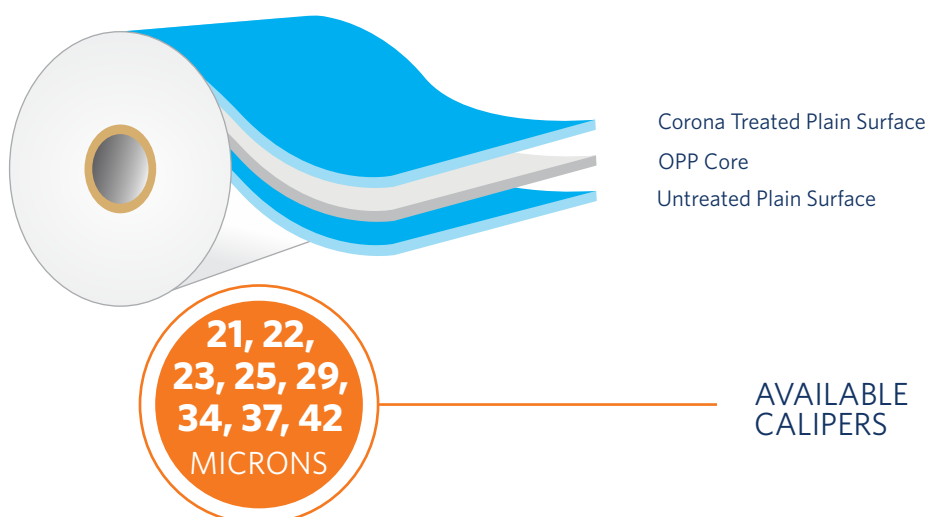


## PROVISIONAL

## TIT

## BOPP FILMS

TRANSPARENT NON HEAT SEALABLE CORONA TREATED ONE SIDE FOR TAPE BASE AND TEXTILE PACKAGING

**DESCRIPTION**

OPP TIT-PIR is plain non heat sealable high gloss BOPP film. It is corona treated on one side and other side is untreated high gloss surface. It is specially formulated to provide excellent runability on textile bag making machines. TIT-PIR is having good ink and adhesive anchorage on printed surface. It contains Post Industrial Recycle (PIR) material

**PRODUCT FEATURES**

- Outstanding clarity and gloss
- It contains POST INDUSTRIAL RECYCLE (PIR) material
- Robust Machinability
- Good Barrier to moisture
- Good stiffness and mechanical properties
- Excellent wetting tension
- Water/oil/grease repellent

**APPLICATIONS**

Typically used in textile industry for

- Textile overwrap
- Textile Bags
- Pressure Sensitive Tapes

## PROVISIONAL

	PROPERTIES	POSITION	T21TIT -PIR	T22TIT -PIR	T23TIT -PIR	T25TIT -PIR	T29TIT -PIR	T34TIT -PIR	T37TIT -PIR	T42TIT -PIR	UNIT	METHOD
GENERAL	Nominal Thickness	-	20.5	21.5	22.5	24.5	28.5	33.5	36.5	41.5	μ	Internal Method
	Density	-	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	g/cc	Internal Method
	Grammage	-	18.7	19.6	20.5	22.3	25.9	30.5	33.2	37.8	g/m <sup>2</sup>	Internal Method
	Yield	-	53.6	51.1	48.8	44.9	38.6	32.8	30.1	26.5	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	2	2	2	2	2.5	2.5	3	3	%	ASTM D 1003
	Gloss	-				90					GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film				0.40					-	ASTM D 1894
	Wetting Tension	-				38*					dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD				1300					kg/cm <sup>2</sup>	ASTM D 882
		- TD				2700						
	Elongation (at break)	- MD				200					%	ASTM D 882
		- TD				60						
	Elastic Modulus	- MD				18000					kg/cm <sup>2</sup>	ASTM D 882
		- TD				32000						
THERMAL	Linear Shrinkage	- MD				4					%	ASTM D 1204
		- TD				2						

\* 38 dyne/cm guaranteed for 4 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 corona treated layer surface tension