

PROVISIONAL

## T25TIRD

BOPP FILMS

TRANSPARENT NON SEALABLE CORONA TREATED ONE SIDE BOPP FILM FOR CONVERSION



Corona Treated Surface  
OPP Core  
Untreated Surface



AVAILABLE  
CALIPERS

### DESCRIPTION

T25TIRD is transparent high gloss non-heat sealable one side corona treated **BOPP** film. This film is specially designed for printing and lamination process.

### PRODUCT FEATURES

- Outstanding Clarity & Gloss
- Can be laminated with substrates
- Printable / Glue-able
- Robust Machinability
- Low Static
- Excellent Wetting tension
- Suitable for food contact application
- Water/ Oil/ Grease repellent

### APPLICATIONS

Can be used as outside web of laminates / Higher microns can be used as mono-web

- Bakery (Biscuits/ Cookie/ Crackers)
- Confectionery (Chocolates/ Gum/ Sugar)
- Chips/ Tea/ Coffee/ Pasta
- Miscellaneous industrial and house hold applications

### NOMENCLATURE

T25TIRD..Corona treated surface is Inside & Untreated surface is Outside

T25TORD..Corona treated surface is Outside & Untreated surface is Inside

**TOPPAN SPECIALITY FILMS**

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	PROPERTIES	POSITION	T25TIRD	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	25	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	22.75	g/m <sup>2</sup>	Internal Method
	Yield	-	43.96	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	1.8	%	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	1300 2700	kg/cm <sup>2</sup>	ASTM D 882
	Elongation (at break)	-MD -TD	190 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	18000 32000	kg/cm <sup>2</sup>	ASTM D 882
THERMAL	Linear Shrinkage (max)	-MD -TD	4 2	%	Internal Method
BARRIER	WVTR (38°C, 90%rh)	-	5	g/m <sup>2</sup> /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 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.