

TOPSL

BOPP FILMS

TRANSPARENT NON COATED ONE SIDE CORONA TREATED PRESSURE SENSITIVE BOPP FACESTOCK FILM



Untreated heat seal layer

Core layer

Corona treated non heat seal surface for adhesive receptive coating

45,50

MICRONS

AVAILABLE
CALIPERS

DESCRIPTION

Transparent one side Corona treated BOPP Film. Corona Treated surface is for adhesive receptive coating; untreated surface is for print receptive coating. Appropriate online pre-corona treatment is must to be given on the untreated surface prior to coating

PRODUCT FEATURES

- Robust machinability
- Outstanding clarity
- Excellent gloss
- Excellent web flatness

APPLICATIONS

- Labels

	PROPERTIES	POSITION	T45TOPSL	T50TOPSL	UNIT	METHOD
GENERAL	Nominal Thickness	-	45	50	μ	Internal Method
	Grammage	-	40.95	45.5	g/m ²	Internal Method
	Yield	-	24.4	22.0	m ² /kg	Internal Method
	Density	-	0.91	0.91	g/cc	Internal Method
OPTICAL	Haze	-	< 2.0		%	ASTM D 1003
	Gloss	Untreated side	95		GU	ASTM D 2457
SURFACE	COF (Dynamic)	Untreated/ Untreated	0.30		-	ASTM D 1894
	Wetting Tension		38*		dy/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD - TD	1300 2800		kg/cm ²	ASTM D 882
	Elongation (at break)	- MD - TD	200 70		%	ASTM D 882
	Elastic Modulus	- MD - TD	18000 28000		kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage (max)	- MD - TD	4 2		%	ASTM D 1204

* Appropriate level of Corona Treatment is must to be given on the untreated side prior to coating. Pre-corona is also strongly recommended to be given on the treated surface prior to coating to boost the treatment level and strong adhesion of the coating

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 manufacturing
- Printing, coating & lamination: Online corona treatment is strongly recommended before processing the material.