TECHNICAL DATA SHEET

TOPPAN

PROVISIONAL

TXTIESPL

TRANSPARENT LAP SEALABLE BOPP FILM WITH LOW HEAT SEAL TEMPERATURE ON MATT SURFACE AND CORONA TREATED ON OTHER SIDE FOR EXTRUSION LAMINATION & PACKAGING CONVERSION

Low Heat seal Matt surface - Untreated
OPP Core
Corona treated Glossy surface

15,17
18,20,25
Micron

AVAILABLE CALIPERS

DESCRIPTION

TXTIESPL is transparent one side matt finish **BOPP** film. It is one side corona treated glossy surface & other side is low heat-seal matte surface especially designed for high speed packaging where its wide seal operating window can be used on high speed machines. The paper like matte appearance provides satiny appearance and a differentiated shelf appeal. This film is specially designed for Extrusion lamination.

PRODUCT FEATURES

- Lap sealable
- Suitable for Extrusion as well as adhesive lamination
- Wide sealing range with low seal initiation temperature
- Matte appearance and differentiated shelf appeal
- Good runnability on HFFS and VFFS machines
- Good printability and suitable for lamination with other substrates

APPLICATIONS

To be used as top reverse printed layer in laminate structures;

- Confectionary (Chocolate/ Gum/ Sugar)
- Health & beauty care
- Bakery (Biscuits/cookie/crackers)
- Chips/ Snacks/ Pasta

NOMENCLATURE

TXTIESPL - Corona treated surface is Inside & Untreated Matte Heat seal surface is Outside
TXTOESPL - Corona treated surface is Outside & Untreated Matte Heat seal surface is Inside

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	PROPERTIES	REF.	15	17	18	20	25	UNITS	TEST METHOD
GENERAL	Thickness	-	15	17	18	20	25	µ	Internal Method
	Density	-	0.91	0.91	0.91	0.91	0.91	g/cc	Internal Method
	GSM	-	13.7	15.5	16.4	18.2	22.8	gm/m^2	Internal Method
	Yield	-	73.3	64.6	61.1	54.9	44.0	m^2/kg	Internal Method
OPTICAL	Haze	-			75			%	ASTM D 1003
	Gloss (Matt side)	-			10			GU	ASTM D 2457
SURFACE	Wetting Tension	-			38			%	ASTM D 2578
	COF (Dynamic)	UT/UT			0.25			-	ASTM D 1894
MECHANICAL	Tensile Strength (at break)	MD TD			1200 2500			Kg/cm^2	ASTM D 882
	Elongation (at break)	MD TD			170 60			%	ASTM D 882
	Modulus	MD TD			18000 28000			Kg/cm^2	ASTM D 882
THERMAL	Thermal Shrinkage	MD TD			4 2			%	ASTM D 1204
	Heat seal range	-			105 - 145			°C	Internal Method
	Heat Seal Strength (1.0sec, 170N, 130°C)	-			450			g/25mm	Internal Method

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
- Please make sure printing surface is well dried before lamination