

PROVISIONAL

TLS18TO-ALXBASE

BOPP FILMS

Transparent Heat Sealable, Corona treated Alox Metallisable Surface, High Shrink BOPP for Tray lidding application



DESCRIPTION

TLS18TO-ALXBASE is a Transparent Heat Sealable, low Haze Shrinkable BOPP. one side Surface of film is heat sealable & other side is corona treated surface for Alox Metallisation. Film is suitable to laminate with other lidding seal film substrate for Tray lidding application.

PRODUCT FEATURES

- Specially design for Tray lidding application
- Outstanding shrink properties for wrinkle free appearance
- Consistent and stable slip
- Excellent stiffness and mechanical properties
- Good performance on high speed machines
- Good optical properties
- Good seal strength
- Good anti-blocking for smooth operation with no jamming

APPLICATIONS

Suitable to laminate with lidding seal film to use it for Tray lidding application. This high Shrink BOPP film is suitable for Alox Metallisation.

- Dairy products
- Disposable cup & tray
- Health and beauty care
- Bakery (biscuits/cookie/crackers)

TOPPAN SPECIALITY FILMS

PROVISIONAL

	PROPERTIES	POSITION	TLS18TO-ALXBASE	UNIT	METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	16.4	g/m ²	Internal Method
	Yield	-	61	m ² /kg	Internal Method
OPTICAL	Haze	-	1.7	%	ASTM D 1003
	Gloss	-	95	GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film	0.3	-	ASTM D 1204
	Wetting Tension	-	38	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD - TD	1700 3000	kg/cm ²	ASTM D 882
	Elongation (at break)	- MD - TD	150 50	%	ASTM D 882
	Elastic Modulus	- MD - TD	30000 45000	kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage	- MD/TD (@120°C) - MD/TD (@85°C)	8.0/8.0 2.5/1.0	%	ASTM D 1204
	Heat Seal Range	-	110-145	°C	Internal Method
	Heat Seal Strength	-	350	g/25mm	Internal Method (130°C/1sec/30psi)

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