

TOE

BOPP FILMS

TRANSPARENT ONE SIDE SEALABLE & OTHER SIDE CORONA TREATED FOR EXTRUSION COATING



Corona Treated Surface

OPP Core

Untreated Sealable Surface for Extrusion

12,13
MICRONSAVAILABLE
CALIPERS**DESCRIPTION**

It is bi-axially oriented polypropylene film with a glossy, shiny surface and excellent optics.

PRODUCT FEATURES

- Excellent Optical properties
- Excellent bonding with EVA and LDPE

APPLICATIONS

Base film for thermal laminating films

	PROPERTIES	POSITION	T12TOE	T13TOE	UNIT	METHOD
GENERAL	Nominal Thickness	-	12	13	μ	Internal Method
	Density	-	0.91	0.91	g/cc	Internal Method
	Grammage	-	10.92	11.83	g/m ²	Internal Method
	Yield	-	91.6	84.5	m ² /kg	Internal Method
OPTICAL	Haze	-	2		%	ASTM D 1003
	Gloss	-	95		GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film	0.30		-	ASTM D 1894
	Wetting Tension	-	38		dy/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1200		kg/cm ²	ASTM D 882
		- TD	2700			
	Elongation (at break)	- MD	160		%	ASTM D 882
		- TD	60			
THERMAL	Elastic Modulus	- MD	18000		kg/cm ²	ASTM D 882
		- TD	28000			
	Linear Shrinkage (max)	- MD	4		%	ASTM D 1204
		- TD	2			
	Seal Initiation temp.	-	105		°C	Internal Method
	Heat Seal Strength	-	250		gm/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