

PS

BOPP FILMS

PEARLISED HEAT SEALABLE BOPP FILM CORONA TREATED ONE SIDE FOR CONVERSION



CoronaTreated Glossy Heat Seal Layer
Tie layer
White cavitated OPP Core
Tie layer
Heat Seal Layer (SIT - 105 °C)

AVAILABLE
CALIPERS

DESCRIPTION

PS is Pearlized both sides sealable high gloss **BOPP** film specially formulated to give a higher yield than standard. It is designed to be used unprinted, surface printed, unsupported or in a lamination for HFFS & VFFS packaging application.

PRODUCT FEATURES

- High yield due to low density
- Pearlescent appearance
- High gloss on outer surface gives brilliant print presentation
- Good crease resistance for shelf appeal
- Suitable for food contact applications
- Outstanding opacity and whiteness
- Good moisture and light barrier
- Printable / Glueable

APPLICATIONS

Can be used as unprinted, surface printed, unsupported or as a part of laminate structure

- Bakery (Biscuits/ Cookies/ Crackers)
- Dairy products
- Confectionery (Chocolate/ Gum/ Sugar)
- Box wrapping

NOMENCLATURE

PSTI – Corona treated surface is Inside, Untreated heat sealable surface is Outside

PSTO – Corona treated surface is Outside, Untreated heat sealable surface is Inside

	PROPERTIES	POSITION	PS25TI	PS30TI	PS35TI	PS40TI	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	0.98	1.18	1.38	1.57	mils	Internal Method
	Density	-	0.69	0.69	0.69	0.69	g/cc	Internal Method
	GSM	-	3.53	4.24	4.95	5.65	lb/1000ft ²	Internal Method
	Yield	-	40778	33958	29107	25451	in ² /lb	Internal Method
OPTICAL	Haze	-	36	35	35	30	%	ASTM D 1003
	Gloss	-		60			GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film / Film			0.40		-	ASTM D 1894
	Wetting Tension	-		38*			dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD		9956 21335			psi	ASTM D 882
	Elongation (at break)	-MD -TD		200 70			%	ASTM D 882
	Elastic Modulus	-MD -TD		142233 284466			psi	ASTM D 882
THERMAL	Linear Shrinkage	-MD -TD		4 2			%	ASTM D 1204
	Heat Seal Range	-		223 – 293			°F	Internal Method
	Heat Seal Strength	-	0.7	0.7	0.8	0.8	lb/in	Internal Method (130°C/1sec/30psi)

* 38 dyne/cm guaranteed for 3 months from the invoice date in controlled ambient condition as per below storage guidelines.

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 except for corona treated layer surface tension
- Please make sure printing surface is well dried before packaging