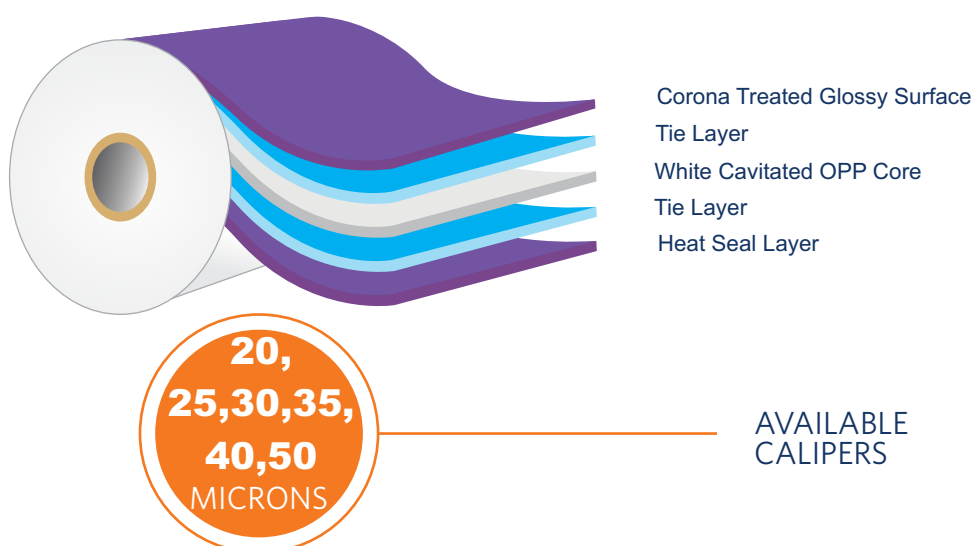


**PZ**

## BOPP FILMS

**PEARLISED ONE SIDE SEALABLE BOPP FILM CORONA TREATED ONE SIDE FOR CONVERSION****DESCRIPTION**

OPP PZ is Pearlized one side 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/gluable

**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

	PROPERTIES	POSITION	PZ20TI	PZ25TI	PZ30TI	PZ35TI	PZ40TI	PZ50TI	UNIT	METHOD
GENERAL	Nominal Thickness	-	20	25	30	35	40	50	μ	Internal Method
	Density	-	0.69	0.69	0.69	0.69	0.69	0.69	g/cc	Internal Method
	Grammage	-	13.8	17.25	20.7	24.15	27.6	34.5	g/m <sup>2</sup>	Internal Method
	Yield	-	72.5	58.0	48.3	41.4	36.2	29.0	m <sup>2</sup> /kg	Internal Method
OPTICAL	Transmittance	-	40	38	35	35	32	29	-	ASTM D 1003
	Gloss	-			85				-	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film			0.4				-	ASTM D 1894
	Wetting tension	-			38*				dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD			700				kg/cm <sup>2</sup>	ASTM D 882
		- TD			1500					
	Elongation (at break)	- MD			140				%	ASTM D 882
		- TD			40					
	Elastic Modulus	- MD			8000				kg/cm <sup>2</sup>	ASTM D 882
		- TD			18000					
THERMAL	Linear Shrinkage (max)	- MD			4				%	ASTM D 1204
		- TD			2					
	Heat Seal Range	-			113-145				°C	Internal Method
	Heat Seal Strength	-	250	350	350	350	400	400	g/25mm	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