

PROVISIONAL

PDS50TI

PEARLISED HEAT SEALABLE BOPP FILM CORONA TREATED ONE SIDE FOR CONVERSION



Corona Treated Glossy Heat seal Surface
Tie Layer
White Cavitated OPP Core
Tie Layer
Low SIT, Heat Seal Surface (SIT - 98 °C)



AVAILABLE
CALIPERS

DESCRIPTION

PDS50TI 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

- Low Seal Initiation Temperature (~ 98°C)
- High Yield due to low density
- Pearlescent appearance
- High gloss on outer surface gives brilliant print presentation
- Suitable for food contact applications
- Outstanding opacity and whiteness
- Printable / Gluable

APPLICATIONS

Can be used as Unprinted, Surface printed, unsupported as a part of laminate structures;

- Confectionary (Chocolate/ Gum/ Sugar)
- Bakery (Biscuits/ Cookie/ Crackers)
- Dairy products
- Box wrapping,
- Soap flow wrap

NOMENCLATURE

PDS50TI... Corona treated Surface Inside, Untreated Heat Seal Surface Outside

PDS50TO... Corona treated Surface Outside, Untreated Heat Seal Surface Inside

PROVISIONAL

	PROPERTIES	POSITION	PDS50TI	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	50	μ	Internal Method
	Density	-	0.69	g/cc	Internal Method
	GSM	-	34.5	g/m ²	Internal Method
	Yield	-	29.0	m ² /kg	Internal Method
OPTICAL	Transmittance	-	25	%	ASTM D 1003
	Gloss	-	60	GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film	0.40	-	Internal Method
	Wetting Tension	-	38*	dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD	700 1800	kg/cm ²	ASTM D 882
	Elongation (at break)	-MD -TD	220 70	%	ASTM D 882
	Elastic Modulus	-MD -TD	14000 30000	kg/cm ²	ASTM D 882
	Linear Shrinkage (max)	- -	4 2	%	ASTM D 1204
THERMAL	Seal Initiation Temp.	-	98	°C	Internal Method
	Heat Seal Strength	-	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 mentioned in 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