

TDS25TIN

BOPP FILMS

TRANSPARENT LOW HEATSEAL TEMPERATURE HIGH HOT-TACK HIGH SEAL STRENGTH CORONA TREATED ONE SIDE FOR BUNDLE/NAKED OVERWRAP



DESCRIPTION

OPP TDSN is transparent one side printable **BOPP** film for naked overwrap, other side is low seal initiation temperature (SIT ~ 95°C). It is specially suitable for naked(direct) overwrapping, which provides unique aesthetics and cost reduction advantages.

PRODUCT FEATURES

- Specially formulated for bundle/naked overwrap applications
- Wide sealing range with low seal initiation temperature(SIT ~ 95°C)
- Excellent sealing properties in term of strength, hot-tack and integrity
- Remarkable performance on high speed machines
- Good anti-static and hot slip capability
- Good optical properties
- Good stiffness and mechanical properties

APPLICATIONS

Naked/Bundle/Direct overwrap

- Tobacco (cigarettes/cigars)
- CD's & DVD's
- Box
- Stationary
- Household and industrial

	PROPERTIES	POSITION	TDS25TIN	UNIT	METHOD
GENERAL	Nominal Thickness	-	25	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	22.75	g/m ²	Internal Method
	Yield	-	44	m ² /kg	Internal Method
OPTICAL	Haze	-	3	%	ASTM D 1003
	Gloss	-	88	GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film Film/Metal	0.15 0.20	-	ASTM D 1894
	Wetting Tension	-	38*	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD - TD	1300 2700	kg/cm ²	ASTM D 882
	Elongation (at break)	- MD - TD	190 60	%	ASTM D 882
	Elastic Modulus	- MD - TD	18000 32000	kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage	- MD - TD	4 2	%	ASTM D 1204
	Heat Seal Range	-	98-145	°C	Internal Method
	Heat Seal Strength	-	500	g/25mm	Internal Method (130°C/1sec/30psi)
BARRIER	WVTR 38° C 90% rh	-	5	²	ASTM F 124950

* 38 dyne/cm guaranteed for 6 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