

TDX25TIDR

BOPP FILMS

LAP SEALABLE MATT BOPP FILM WITH DUST REPELLENT FEATURE FOR HIGH SPEED PACKAGING CONVERSION



Low Heat Seal Matt Surface - Untreated
With Dust Repellent Feature
OPP Core
Corona Treated Glossy Surface



AVAILABLE
CALIPERS

DESCRIPTION

OPP TDX is transparent one side matt finish **BOPP** film with dust repellent feature. It is one side corona treated glossy surface & other side is low heatseal matte surface with dust repellent feature especially designed for high speed packaging where its wide seal operating window can be used on high speed machines. The paper like matte appearance provides satiny appearance and a differentiated shelf appeal.

PRODUCT FEATURES

- Lap Sealable
- Wide sealing range with low seal initiation temperature
- Matte appearance and differentiated shelf appeal
- Good performance on HFFS & VFFS machines
- Good printability and suitable for lamination with other substrates

APPLICATIONS

- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Chips/snacks/pasta
- Health and beauty care

IDENTIFICATION

TDX25TIDR - Matt Surface Outside and Printing/lamination Surface Inside

TDX25TODR - Matt Surface Inside and Printing/lamination Surface Outside

TOPPAN SPECIALITY FILMS

	PROPERTIES	POSITION	TDX25TIDR	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
SURFACE OPTICAL	Haze	-	65	%	ASTM D 1003
	COF (Dynamic)	Matt/Metal	0.25	-	ASTM D 1894
	Wetting Tension	-	38*	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1100	kg/cm ²	ASTM D 882
		- TD	2200		
	Elongation (at break)	- MD	200	%	ASTM D 882
		- TD	60		
THERMAL	Elastic Modulus	- MD	16000	kg/cm ²	ASTM D 882
		- TD	28000		
	Linear Shrinkage (max)	- MD	4	%	ASTM D 1204
		- TD	2		
	Heat Seal Range	-	101-145	°C	Internal Method
	Heat Seal Strength	-	500	g/25mm	Internal Method (130°C/1sec/30psi)

* 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