

H1LDTI-MO-N

HIGH MATT UNTREATED SURFACE GLOSSY SIDE TREATED BOPP FILM FOR CONVERSION



Untreated Matt surface
OPP Core
Corona treated Glossy surface

15,17,18
20,25,30
Micron

AVAILABLE
CALIPERS

DESCRIPTION

H1LDTI-MO-N is transparent one side matt finish **BOPP** film. It is inside corona treated glossy surface & outside untreated matt surface. The paper like matte appearance provides satiny appearance and a differentiated shelf appeal.

PRODUCT FEATURES

- Matte appearance and differentiated shelf appeal
- Good runnability on HFFS and VFFS machines
- Good printability and suitable for lamination with other substrates
- Non toxic suitable for food contact applications

APPLICATIONS

To be used as top reverse printed layer in laminate structures;

- Confectionary (Chocolate/ Gum/ Sugar)
- Health & beauty care
- Bakery (Biscuits/cookie/crackers)
- Chips/ Snacks/ Pasta

NOMENCLATURE

H1LDTI-MO-N - Printable glossy surface Inside & Corona treated Matty surface Outside
H1LDTO-MI-N - Printable glossy surface Outside & Corona treated Matty surface Inside

	PROPERTIES	REF.	15	17	18	20	25	30	UNITS	TEST METHOD
GENERAL	Thickness	-	15	17	18	20	25	30	μ	Internal Method
	Density	-	0.85	0.85	0.85	0.85	0.85	0.85	g/cc	Internal Method
	GSM	-	12.8	14.5	15.3	17.0	21.3	25.5	gm/m ²	Internal Method
	Yield	-	78.4	69.2	65.4	58.8	47.1	39.2	m ² /kg	Internal Method
OPTICAL	Haze	-				75			%	ASTM D 1003
	Gloss (Matt side)	-				10			GU	ASTM D 2457
SURFACE	Wetting Tension	-				38*			dyne/cm	ASTM D 2578
	COF (Dynamic)	Film / Film				0.40			-	ASTM D 1894
MECHANICAL	Tensile Strength (at break)	MD TD				1200 2500			Kg/cm ²	ASTM D 882
	Elongation (at break)	MD TD				170 60			%	ASTM D 882
	Modulus	MD TD				18000 28000			Kg/cm ²	ASTM D 882
THERMAL	Thermal Shrinkage	MD				4			%	ASTM D 1204
		TD				2				

* 38 dyne/cm guaranteed for 4 months & 36 dyne/cm guaranteed for 6 months from delivery 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 manufacturing except for corona treated layer surface tension
- Please make sure printing surface is well dried before lamination