

## PROVISIONAL

**COTH-NP**

COATED FILMS

## TRANSPARENT ONE SIDE COATED BOPP FILM FOR HOLOGRAPHIC CONVERSION



Acrylic Coated Surface  
Multilayer Transparent OPP Film  
Untreated Sealable Surface

**20, 25**  
MICRONS

AVAILABLE  
CALIPERS

**DESCRIPTION**

COTH-NP is transparent Out side acrylic coated **BOPP** film. Its Acrylic coated surface provides low seal initiation temperature and holographic embossing effect, good seal strength and sealing range which gives enhanced performance on wide range of packaging machines.

**PRODUCT FEATURES**

- Low Seal Initiation Temperature
- Excellent sealing strength & hot-tack strength
- Excellent machinability
- Good optical properties
- Good stiffness and mechanical properties
- Excellent Embossability with Thermal and UV based process

**APPLICATIONS**

To be used as a part of laminate

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

## PROVISIONAL

	PROPERTIES	POSITION	COT20H-NP	COT25H-NP	UNIT	METHOD
GENERAL	Nominal Thickness	-	20	25	μ	Internal Method
	Grammage	-	18.19	21.85	g/m <sup>2</sup>	Internal Method
	Yield	-	55.0	45.8	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	2.0	2.0	%	ASTM D 1003
	Gloss	-	95	95	GU	ASTM D 2457
SURFACE	COF (Dynamic)	Coat/Coat	0.35	0.35	-	ASTM D 1894
	Wetting Tension	Coating side	42	42	dy/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1300	1300	kg/cm <sup>2</sup>	ASTM D 882
		- TD	2800	2800		
	Elongation (at break)	- MD	200	200	%	ASTM D 882
		- TD	55	55		
	Elastic Modulus	- MD	20000	20000	kg/cm <sup>2</sup>	ASTM D 882
		- TD	32000	32000		
THERMAL	Linear Shrinkage (max)	- MD	4	4	%	Internal Method
		- TD	2	2		
	Heat Seal Range	Coated Side	85 - 145	85 - 145	°C	Internal Method
	Seal Strength	Coated Side	400	400	g/25mm	Internal Method

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 with three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use. Film characteristics are maintained for six months from the date of manufacturing.

#### PRINTING & LAMINATION

Online corona

#### 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
- Please make sure printing surface is well dried before lamination